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CENTER**

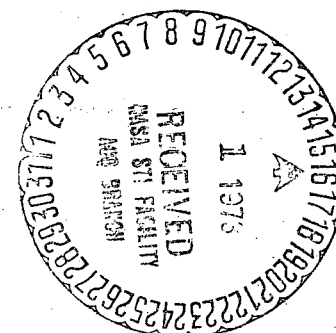
(NASA-TM-X-68916) SKYLAB 2 FACILITIES
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SKYLAB 2
FACILITIES AND ENVIRONMENTAL
MEASUREMENTS PROGRAM

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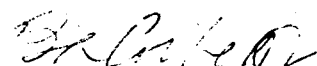
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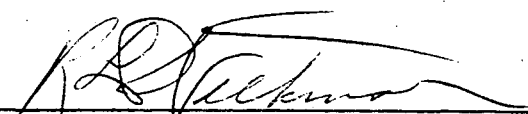
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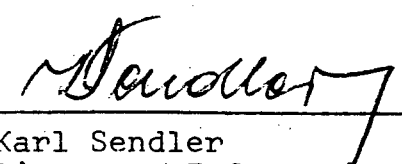
SKYLAB 2

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM

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SKYLAB-2

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM

INTRODUCTION

THIS DOCUMENT PRESENTS A LIST OF THE FACILITIES AND ENVIRONMENTAL MEASUREMENTS TO BE MONITORED IN SUPPORT OF THE SKYLAB-2 VEHICLE. INCLUDED ARE THE MEASUREMENT IDENTIFICATION NUMBER, DESCRIPTION, TRANSDUCER OPERATING RANGE, RECORDER TYPE AND DRAWINGS ILLUSTRATING MEASUREMENT LOCATION. THE FOLLOWING LAUNCH COMPLEX 39 FACILITIES WILL BE USED ON THIS VEHICLE.

PAD B

LAUNCH COMPLEX 39 - PAD B

LUT 1

LAUNCHER UMBILICAL TOWER NUMBER 1

MEASUREMENTS FOR THE MOBILE SERVICE STRUCTURE, CRAWLER TRANSPORTER AND MOBILE RECHARGER ARE LISTED IN THE LC-39 FACILITIES AND ENVIRONMENTAL SUPPORT EQUIPMENT MEASUREMENTS PROGRAM, GP-842.

TECHNICAL INFORMATION FOR THIS DOCUMENT WAS SUPPLIED BY THE MEASUREMENT SYSTEMS DIVISION, IN-MSD

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THIS DOCUMENT WAS COMPILED AND DISTRIBUTED BY THE DATA SYSTEMS DIVISION, IN-DAT

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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM FORMAT

HEADING *****	DESCRIPTION *****
MEAS. NO.	IDENTIFICATION NUMBER BASED ON MEASUREMENT TYPE, LOCATION AND SEQUENCE NUMBER (SEE PAGE 2)
DISPLAY REQ. NO.	CALL-UP NUMBER FOR REAL TIME DISPLAY OF DIGITIZED MEASUREMENTS AT THE CIF DATA DISPLAY ROOM AND THE LAUNCH CONTROL CENTER
MEASUREMENT DESCRIPTION	BRIEF SUMMARY OF MEASUREMENT TYPE AND LOCATION
RANGE	TRANSDUCER OPERATING RANGE IN ENGINEERING UNITS
RECORDER	TYPE OF EQUIPMENT ON WHICH MEASUREMENT IS RECORDED
	CM CONSOLE METER DAS DIGITAL ACQUISITION SYSTEM EVENT EVENT RECORDER MAG LINK LIGHTNING INTENSITY SENSOR MAG TAPE MAGNETIC TAPE RECORDER (ANALOG) MP MULTI-POINT RECORDER O GRAPH OSCILLOGRAPH SC STRIP CHART RECORDER VDAS VIBRATION DATA ACQUISITION SYSTEM
DRAWING NUMBER	REFERS TO APPENDIX DRAWING WHICH ILLUSTRATES THE MEASUREMENT LOCATION
REMARKS	ADDITIONAL COMMENTS DESCRIBING MEASUREMENT THE PCM CHANNEL IS PRINTED IN THIS FIELD (SEE PAGE 004)

NUMBER SIGNIFYING TYPE OF MEASUREMENT

```

2 PRESSURE (0/50 PSI)
3 PRESSURE (51/350 PSI)
4 PKESSURE (351/750 PSI)
5 PRESSURE (751/1000 PSI)
6 PRESSURE (1000 AND UP)
11 TEMPERATURE (CRYOGENIC)
12 TEMPERATURE (0/500 DEG F)
13 TEMPERATURE (501/1500 DEG F)
14 TEMPERATURE (1501/3000 DEG F)
15 TEMPERATURE (CALORIMETRIC)
21 VIBRATION (0/3000 HZ) MAX
22 VIBRATION (5HZ MIN TO 3000HZ MAX)
23 VIBRATION (SHOCK MEASUREMENTS)
25 ACOUSTICS
26 METEOROLOGY
31 STRAIN AND FORCE
32 POSITION
33 FLOW
34 RPM
35 LIQUID LEVEL
39 LIGHTNING
41 SIGNALS
42 VOLTAGE, CURRENT OR FREQUENCY
43 HYDROCARBON CONTENT
44 RELATIVE HUMIDITY, MOISTURE CONTENT
45 MISCELLANEOUS
50 GAS DETECTION
51 FIRE DETECTION
55 GAS CONFIDENCE CIRCUIT DETECTOR
56 FIRE CONFIDENCE CIRCUIT DETECTOR

```

A AGCS OR UTILITY ROOMS
B LAUNCHER
C UMBILICAL TOWER
D DEFLECTOR AREA
E HP GAS STORAGE AREA
F RP-1 AREA
G LOX STORAGE AREA
H LH2 STORAGE AREA
J CONVERTER COMPRESSOR BLDG.
K MISCELLANEOUS
L LCC
M MSO BLDG.
N FLIGHT CREW TRAINING BLDG.
P CIF
Q MOBILE RECHARGER 1 AND 2
R HYPERGOL NO. 2 BLDG.
S SERVICE STRUCTURE
T TRANSPORTER
U MISC. WEATHER TOWERS
V GH2 STORAGE AREA
W 500 FT WEATHER TOWER
X MISC. FAR FIELD LOCATIONS
Y CRYO NO. 2 BLDG.
Z PYROTECHNIC INSTAL. BLDG.

FACILITIES AND ENVIRONMENTAL DIGITAL ACQUISITION SYSTEM CHANNEL DESCRIPTION

PCM FORMAT

```

A   P3   E1   -   156   -   05
.   .   .   .   .   .
.   .   .   .   .   .
.   .   .   .   .   .   BIT = 01-10
.   .   .   .   .   .   00 = ALL TEN BITS USED
.   .   .   .   .   .
.   .   .   .   .   .   DASH(FOR SEPARATION ONLY)
.   .   .   .   .   .
.   .   .   .   .   .   WORD = 001-200
.   .   .   .   .   .
.   .   .   .   .   .   DASH(FOR SEPARATION ONLY)
.   .   .   .   .   .
.   .   .   .   .   .   MULTIPLEXER TYPE AND NUMBER
.   .   .   .   .   .   A0 = ANALOG
.   .   .   .   .   .   A1 = ANALOG MULTIPLEXER (A1-A20)
.   .   .   .   .   .   E0 = EVENT
.   .   .   .   .   .   E1 = EVENT SUBMULTIPLEXER (E1-E5)
.   .   .   .   .   .
.   .   .   .   .   .   MODULATION TYPE AND LINK
.   .   .   .   .   .   P1 = PCM - LINK 1
.   .   .   .   .   .   P2 = PCM - LINK 2
.   .   .   .   .   .   P3 = PCM - LINK 3
.   .   .   .   .   .   F1 = FSK - LINK 1
.   .   .   .   .   .   F2 = FSK - LINK 2
.   .   .   .   .   .   F3 = FSK - LINK 3
.   .   .   .   .   .
.   .   .   .   .   .   COMPLEX = COMPLEX AND AREA FROM WHICH MEASUREMENT
.   .   .   .   .   .   IS BEING TRANSMITTED
A - LC39 LUT
B - LC39 PTCR
C - LC39 MSS
D - LC39 LH2
E - LC39 GH2
F - KSC FLD MILL

```

ABBREVIATIONS USED ON FACILITIES AND ENVIRONMENTAL MEASUREMENTS

A	ANGSTROM	LONG	LONGITUDINAL
AC	ANGULAR COORDINATES	LOX	LIQUID OXYGEN
AGCS	AUTOMATIC GROUND CONTROL STATION	LP	LOW PRESSURE
BATT	BATTERY	LUT	LAUNCHER UMBILICAL TOWER
BRKT	BRACKET	MI/I	MICRO INCH PER INCH
BTU/SF/S	BTU PER SQUARE FOOT PER SECOND	MP	MULTIPOINT
CAB	CABINET	MR	MOBILE RECHARGER
CENT	CENTER	MSS	MOBILE SERVICE STRUCTURE
CH	CHANNEL	MTD	MOUNTED
CLINE	CENTER LINE	NO	NUMBER
CM	CONSOLE METER	NORM	NORMAL
CM/JA	CONSOLE METER OPERATED BY JA	NR	NUMBER
CM/LVO	CONSOLE METER OPERATED BY LVO	O GRAPH	OSCILLOGRAPH
COM	COMMON	PAMS	PAD ABORT MEASURING SYSTEM
COMP	COMPARTMENT	PAN	PANEL
CONCEN	CONCENTRATION	PARA	PARALLEL
CONT	CONTROL	PCD	PNEUMATIC CONTROL DISTRIBUTOR
COR	CORNER	PERP	PERPENDICULAR
C-T	CRAWLER-TRANSPORTER	POS	POSITION
CYL	CYLINDER	P-P	PEAK TO PEAK
DAS	DIGITAL ACQUISITION SYSTEM	PPM	PARTS PER MILLION
DB	DECIBELS	PRESS	PRESSURE
DEFL	DEFLECTION	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
DIAG	DIAGONAL	PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
DIFF	DIFFERENTIAL	PSIG	POUNDS PER SQUARE INCH GAGE
DISC	DISCONNECT	PTCR	PAD TERMINAL CONNECTION ROOM
DISCH	DISCHARGE	REC	RECORDER
DIST	DISTRIBUTOR	RP-1	ROCKET PROPELLANT (LIQUID)
D/S	DOWN STREAM	S	SIDE
DWG	DRAWING	SA	SERVICE ARM
ECS	ENVIRONMENT CONTROL SYSTEM	SC	STRIP CHART
FAC	FACILITY	SIG	SIGNAL
FD	FIRE DETECTOR	SM	SERVICE MODULE
FLR	FLOOR	STG	STAGE
F/M	FLOW METER	STOR	STORAGE
FR	FIRING ROOM	STRGR	STRINGER
GH2	GASEOUS HYDROGEN	SUPP	SUPPORT
GN2	GASEOUS NITROGEN	SURF	SURFACE
GND	GROUND	TEMP	TEMPERATURE
GPM	GALLONS PER MINUTE	TRAN	TRANSVERSE
HE	HELIUM	TSM	TAIL SERVICE MAST
H/E	HEAT EXCHANGER	TW	THERMAL WIRE
HORIZ	HORIZONTAL	TWR	TOWER
HP	HIGH PRESSURE	UA	MICRO AMP
HZ	HERTZ	UMB	UMBILICAL
INSTR	INSTRUMENT	UV	MICRO VOLTS
K	ONE THOUSAND	UV	ULTRA VIOLET
KV/M	KILO VOLTS PER METER	VAH	VEHICLE ASSEMBLY BUILDING
KW	KILO WATTS	VAP	VAPORIZER
LB/M	POUNDS PER MINUTE	VDAS	VIBRATION DATA ACQUISITION SYSTEM
LCC	LAUNCH CONTROL CENTER	VEH	VEHICLE
LEV	LEVEL	VERT	VERTICAL
LH2	LIQUID HYDROGEN	VJ	VACUUM JACKET
LN2	LIQUID NITROGEN	XDCR	TRANSDUCER

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING NO.	REMARKS
2A002		PRESS GN2 CHILLER CONTROL ECS ROOM	0/20 PSIG	DAS	PC1-3695	
2A009		PRESS SIVB AFT DUCT ECS ROOM	0/5 PSIG	MP-5	PC1-3695	
2A010		PRESS IU DUCT ECS ROOM	0/5 PSIG	MP-5	PC1-3695	
2A011		PRESS SERV MODULE DUCT ECS ROOM	0/5 PSIG	MP-5	PC1-3695	
2A012		PRESS COMMAND MODULE DUCT ECS ROOM	0/5 PSIG	MP-5	PC1-3695	
2A020		PRESS DIFF S-IV B AFT COMP AT ECS	0/100 PERCENT	DAS + SC		
2A021		PRESS DIFF INST UNIT COMP AT ECS	0/100 PERCENT	DAS + SC		
2A022		PRESS DIFF SERVICE MODULE COMP AT ECS	0/100 PERCENT	DAS + SC		
2A023		PRESS DIFF COMMAND MODULE COMP AT ECS	0/100 PERCENT	DAS + SC		
2A024		PRESS PURGE GN2 RELIEF VALVE 1 ECS NEAR VALVE A6834	0/10 PSIG	DAS + SC		
2A025		PRESS PURGE GN2 RELIEF VALVE 2 ECS NEAR VALVE A6835	0/10 PSIG	DAS + SC		
2A026		PRESS PURGE GN2 SENSING ECS A7049	0/10 PSIG	DAS + SC		
2A027		PRESS INLET TO NORTH COIL ECS	0/10 PSIG	DAS + SC		
2A028		PRESS INLET TO SOUTH COIL ECS	0/10 PSIG	DAS + SC		
2A031		PRESS, GN2 REG. NO.1 DOME	0/25 PSIG	DAS		
2A032		PRESS, GN2 REG. NO.2 DOME	0/25 PSIG	DAS		
2A033		PRESS, S1B AFT ENG ECS ROOM	0/5 PSIG	DAS		
2A034		PRESS, S1B FORWARD ECS ROOM	0/5 PSIG	DAS		
2A035		PRESS, DIFF S1B LAUNCHER PEDESTAL ECS ROOM	0/100 PCT	DAS		
2A036		PRESS, DIFF S1B AFT ENG ECS ROOM	0/100 PCT	DAS		

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

* MEAS. NO.	* DISPLAY	* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS			
* *REQ. NO.*					* NO.				
* 2A037	*	* PRESS, DIFF S1B FWD ENG COMP ECS	* 0/100 PCT	* DAS	*	*	*	*	*
* 2A038	*	* PRESS, S1B LAUNCHER PEDESTAL ECS	* 0/5 PSIG	* DAS	*	*	*	*	*
* 2C026	*	* PRESS GH2 AT S-IVB STAGE HEAT EXCHANGER OUTLET LUT 240 FT LEVEL (NEAR VALVE A3444)	* 0/35 PSIA	* DAS + SC	* PC1-2408	*	*	*	*
* 2C027	*	* PRESS S-IVB STAGE GH2 VENT. SERV. ARM 7 LUT LEVEL 260 FT	* -1/20 PSIG	* DAS + SC	* PC1-2408	*	*	*	*
* 2C028	*	* PRESS S-II STAGE GH2 VENT. SERV. ARM 5 LUT LEVEL 200 FT	* -1/20 PSIG	* DAS + SC	* PC1-2408	*	*	*	*
* 2C029	*	* PRESS S-IVB STAGE LH2 ANNIN VALVE SIGNAL CONTROL LUT 200 FT LEVEL AT VALVE A-3311	* 0/20 PSIG	* DAS + SC	* PC1-2412	*	*	*	*
* 2C031	*	* PRESS DIFF S-IVB STAGE LH2 FILTER LUT 200 FT LEVEL NEAR VALVE A-3445	* 0/50 PSID	* DAS + SC	* PC1-2412	*	*	*	*
* 2C034	*	* PRESS LOX REPLENISH CONTROL VALVE A205 LUT 120 FT LEVEL (ANNIN VALVE)	* 0/20 PSIG	* DAS + SC	* PC1-2405	*	*	*	*
* 2C035	*	* PRESS LOX REPLENISH CONTROL VALVE A206 LUT 200 FT LEVEL (ANNIN VALVE)	* 0/20 PSIG	* DAS + SC	* PC1-2405	*	*	*	*
* 2C038	*	* PRESS DIFF LOX FILTER A222 LUT LEVEL 120 FT	* 0/15 PSID	* DAS + SC	* PC1-2405	*	*	*	*
* 2C039	*	* PRESS DIFF LOX FILTER A221 LUT LEVEL 200 FT	* 0/15 PSID	* DAS + SC	* PC1-2405	*	*	*	*
* 2C046	*	* PRESS AIR/GN2 S-1VB AFT INTERFACE SERV. ARM NO 6	* 0/2 PSIG	* MP + SC	* PC1-2433	*	*	*	*
* 2C047	*	* PRESS AIR/GN2 IU INTERFACE SERV. ARM NO 7	* 0/4 PSIG	* MP + SC	* PC1-2434	*	*	*	*
* 2C048	*	* PRESS AIR/GN2 SERVICE MODULE INTERFACE SERV. ARM NO. 8	* 0/4 PSIG	* MP + SC	* PC1-2435	*	*	*	*

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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

* MEAS. NO.	* DISPLAY	* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING NO.	* REMARKS
2C049		PRESS AIR/GN2 COMMAND MODULE INTERFACE SERV. ARM NO. 9	0/2 PSIG	MP + SC	PC1-2436	
2C113		PRESS S-IVB LH2 VEH VENT CHECK VALVE A3442 INLET LUT 240 FT LEV	-1/5 PSIG	DAS + SC	PC1-2413	
2C114		PRESS S-IVB LH2 VEH VENT CHECK VALVE A3442 OUTLET AT VALVE A29122	-1/5 PSIG	DAS + SC	PC1-2413	
2C117		PRESS S-IVB STAGE GH2 VENT SERV ARM 7 LUT 260 FT	-1/5 PSIG	DAS + SC	PC1-2434	
2C123		PRESS, SURFACE FLAME WELL 5 FT ABOVE FLOOR AT 0 DEG.	0/25 PSIA	VDAS		
2C124		PRESS, SURFACE FLAME WELL 5 FT ABOVE FLOOR AT 180 DEG.	0/25 PSIA	VDAS		
2C125		PRESS, AMB. WALKWAY BETWEEN BRDG EASTEND HANDRAIL 60 DEG ABOVE HORIZ FACING VEH CL	0/25 PSIA	VDAS		
2C126		PRESS, AMB. WALKWAY BETWEEN BRIDGES CENTER OF HANDRAIL 60 DEG ABOVE HORIZ. FACING VEH CL	0/25 PSIA	VDAS		
2C127		PRESS, AMB. WALKWAY BETWEEN BRIDGES WESTEND HANDRAIL 60 DEG ABOVE HORIZ. FACING VEH CL	0/25 PSIA	VDAS		
2C129		PRESS, AIR/GN2-S1B LAUNCHER	0/2 PSIG	DAS + SC	PC1-5227	
2C130		PRESS, AIR/GN2-S1B AFT NO. 1	0/2 PSIG	DAS + SC	PC1-5227	
2C131		PRESS, AIR/GN2-S1B AFT NO. 2	0/2 PSIG	DAS + SC	PC1-5227	
2C132		PRESS, AIR/GN2-S1B AFT NO. 3	0/2 PSIG	DAS + SC	PC1-5227	
2C133		PRESS, AIR/GN2-S1B AFT NO. 4	0/2 PSIG	DAS + SC	PC1-5227	
2C134		PRESS, AIR/GN2 S1B LAUNCHER	0/1 IN H2O	DAS + SC	PC1-5227	
2C135		PRESS, AIR/GN2 S1B FWD SA 1A	0/4 PSIG	DAS + SC		
2C140		PRESS, DIFF RP-1 LUT FILTER 100 FT LEVEL	0/30 PSID	DAS + SC		

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 2C141 * * PRESS, RP-1 ANNIN VAL SIGNAL * 0/20 PSIG * DAS + SC * *
* * * 100 FT LEVEL * * * * *
* 2C142 * * PRESS, 120 FT. LEVEL S1B LOX SLOW* 0/20 PSIG * DAS + SC * *
* * * FILL CONT. VAL A61203 SIGNAL * * * * *
* 2C148 * * PRESS, EXPANSION CHAMBER IU * 0/50 PSIG * SC * *
* * * COOLING SYSTEM 260FT LEVEL S/A 7* * * * *
* 2C149 * * PRESS, HEAT EXCHANGER IU COOLING* 0/50 PSIG * SC * *
* * * SYSTEM 260FT LEVEL S/A 7 * * * * *
* * * * *
* * * * *
* 2F001 * * PRESS RP-1 TRANSFER PUMP 4003 * 0/60 PSIA * DAS + SC* PC1-2415*
* * * SUCTION NEAR VALVE A4054 * * * * *
* 2F002 * * PRESS, RP-1 STORAGE TANK ULLAGE * 0/5 PSIG * DAS + SC* PC1-2416*
* * * * *
* * * * *
* 2G001 * * PRESS LOX VAP CONT FLOW VALVE * 0/20 PSIG * DAS + SC* PC1-2402*
* * * A12 LOX FACILITY ANNIN VALVE * * * * *
* 2G002 * * PRESS LOX REPLENISH PUMP FLOW * 0/20 PSIG * DAS + SC* PC1-2402*
* * * CONTROL BYPASS VALVE A197 * * * * *
* 2G004 * * PRESS LOX REPLENISH PUMP SIGNAL * 0/20 PSIG * DAS + SC* PC1-2402*
* * * LOX FACILITY BYPASS VALVE A136 * * * * *
* 2G005 * * PRESS, A126 LOX PUMP SUCTION * 0/50 PSIG * DAS + SC* PC1-2402*
* * * * *
* 2G006 * * PRESS, A127 LOX PUMP SUCTION * 0/50 PSIG * DAS + SC* PC1-2402*
* * * * *
* 2G009 * * PRESS LOX STORAGE TANK ULLAGE * -5/15 PSIG * DAS + SC* PC1-2402*
* * * * *
* * * * *
* 2H001 * * PRESS LH2 VAPORIZER CONTROL * 0/20 PSIG * DAS + SC* PC1-2408*
* * * VALVE SIGNAL TEE INTO * * * * *
* * * VALVE A3304 LH2 FACILITY * * * * *
* * * * *
* * * * *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	*DISPLAY*	*MEASUREMENT DESCRIPTION*	*RANGE*	*RECORDER*	*DRAWING*	*REMARKS*
REQ. NO.					NO.	
* 2K001	*	* PRESS LH2 VEHICLE VENT AT	* -1/3 PSIG	* DAS + SC*	PC1-2410*	
	*	* BURN POND				
* 2K002	*	* PRESS WATER PUMP AT BURN POND	* +-2 PSID	* DAS + SC*	PC1-2408*	
* 2K003	*	* PRESS DIFF RP-1 TRANSFER LINE	* 0/30 PSID	* DAS + SC*	PC1-2417*	
	*	* FILTER AT RP-1 PEDESTAL FILTER				
	*	* A4098				
* 2K004	*	* PRESS LH2 VEHICLE VENT LINE	* -1/3 PSIG	* DAS + SC*	PC1-2411*	
	*	* INTERMEDIATE BASE OF LUT				
* 3A001	*	* PRESS PURGE GN2 SUPPLY ECS	* 0/200 PSIG	* DAS + MP*		
	*	* XDCR A6846				
* 3C006	*	* PRESS LH2 AT S-IVB VALVE COMPLEX	* 0/120 PSIG	* DAS + SC*	PC1-2412*	
	*	* DISCHARGE 200 FT LEVEL LUT NEAR				
	*	* VALVE A3445				
* 3C008	*	* PRESS LH2 AT S-IVB UMBILICAL	* 0/120 PSIA	* DAS + SC*	PC1-2433*	
	*	* SERV. ARM 6 LUT LEVEL 220 FT				
* 3C010	*	* PRESS S-IVB LH2 FILTER VENT LINE	* 0/60 PSIA	* DAS + SC*	PC1-2412*	
	*	* 200 FT LEVEL ON LUT NEAR VALVE				
	*	* A3431				
* 3C012	*	* PRESS S-IVB LOX INLET	* 0/150 PSIG	* DAS + SC*	PC1-2433*	
* 3C018	*	* PRESS S-IVB LOX VALVE COMPLEX	* 0/150 PSIG	* DAS + SC*	PC1-2405*	
	*	* OUTLET LEVEL 200 FT LUT DOWN				
	*	* STREAM OF FILTER A221				
* 3C020	*	* PRESS LH2 INLET TO S-IVB STAGE	* 0/120 PSIG	* DAS + SC*	PC1-2412*	
	*	* VALVE COMPLEX LUT 200 FT LEVEL				
* 3C037	*	* PRESS, RP-1 AT MAST LUT 1 PEDEST	* 0/200 PSIG	* DAS + SC*		
* 3C038	*	* PRESS, RP-1 VENT TRAP 100 FT	* 0/200 PSIG	* DAS + SC*		
	*	* LEVEL VALVE COMPLEX				
* 3C039	*	* PRESS, S1B LOX INLET AT MAST	* 0/150 PSIG	* DAS + SC*		

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*          *          *          * NO.      *          *
*****
* 3C040 *      * PRESS, 120 FT LOX VALVE COMPLEX * 0/150 PSIG * DAS + SC*          *
*      *      * INLET                        *          *          *          *
* 3C041 *      * PRESS, 120 FT LOX VALVE COMPLEX * 0/150 PSIG * DAS + SC*          *
*      *      * OUTLET                       *          *          *
*      *      *                               *          *          *
*      *      *                               *          *          *
* 3F001 *      * PRESS RP-1 TRANSFER PUMP 4003   * 0/300 PSIG * DAS + SC* PC1-2415*
*      *      * DISCHARGE NEAR VALVE A4055    *          *          *
*      *      *                               *          *          *
* 3F002 *      * PRESS RP-1 TRANSFER LINE DOWN-   * 0/300 PSIG * DAS + SC* PC1-2415*
*      *      * STREAM OF TEE CONN FOR DISC    *          *          *
*      *      * A4071                         *          *          *
*      *      *                               *          *          *
*      *      *                               *          *          *
* 3G001 *      * PRESS 1000 GPM LOX PUMP DISCH.   * 0/400 PSIG * DAS + SC* PC1-2402*
*      *      * IN COMMON LINE AT LOX FACILITY *          *          *
*      *      *                               *          *          *
*      *      *                               *          *          *
* 3H001 *      * PRESS LH2 STORAGE TANK ULLAGE    * 0/120 PSIG * DAS + SC* PC1-2409*
*      *      * LH2 STORAGE FAC NEAR VALVE A3467*          *          *
*      *      *                               *          *          *
* 3H002 *      * PRESS LH2 STORAGE TANK VENT AT   * 0/100 PSIA * DAS + SC* PC1-2409*
*      *      * LH2 FACILITY AT POND SIDE OF    *          *          *
*      *      * VALVE A3440                     *          *          *
*      *      *                               *          *          *
* 3H003 *      * PRESS LH2 FACILITY TRANSFER     * 0/120 PSIA * DAS + SC* PC1-2409*
*      *      * LINE, D/S OF VALVE A3481        *          *          *
*      *      *                               *          *          *
* 3H004 *      * PRESS LH2 STORAGE TANK NEAR     * 0/75 PSIG  * DAS + SC* PC1-2409*
*      *      * INSTR CONSOLE LH2 FACILITY      *          *          *
*      *      *                               *          *          *
*      *      *                               *          *          *
* 3K001 *      * PRESS LH2 FACILITY HEAT EXCHAN. * 0/60 PSIA  * DAS + SC* PC1-2410*
*      *      * VENT NEAR BURN POND             *          *          *
*      *      *                               *          *          *
* 3K002 *      * PRESS FACILITY HEAT EXCHANGER   * 0/60 PSIA  * DAS + SC* PC1-2410*
*      *      * VENT LINE AT EQUILIZER TUBE     *          *          *
*      *      * AT BURN POND                    *          *          *
*      *      *                               *          *          *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*      *REQ.NO.*      *      *      *      *      *      *
*****
* 3K003 *      * PRESS LH2 VEHICLE VENT LINE AT * -1/3 PSIG   * DAS + SC* PC1-2410*
*      *      * EQUIL. TUBE AT BURN POND                *      *      *
* 3K006 *      * PRESS LH2 H/E VENT LINE                * 0/60 PSIA   * DAS + SC* PC1-2411*
*      *      * INTERMEDIATE AT LUT DISCONNECT          *      *      *
* 3K007 *      * PRESS 6 INCH LOX V.J. LINE AT        * 0/350 PSIG  * DAS + SC* PC1-2403*
*      *      * ML DISCONNECT                          *      *      *
*      *      *
* 5C004 *      * PRESS, HYDRAULIC RIGHT SIDE            * 0/1000 PSIG * SC      * PC1-2449*
*      *      * EXTEND PRIMARY DAMPER ARM                *      *      *
* 5C005 *      * PRESS HYDRAULIC LEFT SIDE EXTEND      * 0/1000 PSIG * SC      * PC1-2449*
*      *      * PRIMARY DAMPER ARM                          *      *      *
* 5C006 *      * PRESS HYDRAULIC RIGHT SIDE            * 0/1000 PSIG * SC      * PC1-2449*
*      *      * RETRACT PRIMARY DAMPER ARM                *      *      *
* 5C007 *      * PRESS HYDRAULIC LEFT SIDE            * 0/1000 PSIG * SC      * PC1-2449*
*      *      * RETRACT PRIMARY DAMPER ARM                *      *      *
*      *      *
* 6K001 *      * PRESS, HYDRAULIC SUPPLY LINE            * 0/4000 PSIG * SC      *
*      *      * AT INTERFACE N.E. EXTENSIBLE COL      *      *      *
* 6K002 *      * PRESS, HYDRAULIC SUPPLY LINE AT      * 0/4000 PSIG * SC      *
*      *      * INTERFACE N.W. EXTENSIBLE COL          *      *      *
* 6K003 *      * PRESS, HYDRAULIC SUPPLY LINE AT      * 0/4000 PSIG * SC      *
*      *      * INTERFACE S.W. EXTENSIBLE COL          *      *      *
* 6K004 *      * PRESS, HYDRAULIC SUPPLY LINE AT      * 0/4000 PSIG * SC      *
*      *      * INTERFACE S.E. EXTENSIBLE COL          *      *      *
*      *      *
* 11C001 *      * TEMP GH2 AT S-IVB STAGE HEAT          * -425/-350 DEG F * DAS + SC* PC1-2408*
*      *      * EXCHANGER OUTLET 240 FT LEVEL        *      *      * 6 INCH PROBE
*      *      * NEAR VALVE A3444                      *      *      *
* 11C003 *      * TEMP. LH2 S1VB STAGE TRANSFER        * -426/-410 DEG F * DAS + SC* PC1-2412* 20 INCH PROBE
*      *      * LINE OUTLET 200FT. LEVEL NEAR        *      *      *
*      *      * SENSOR A3323                          *      *      *
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*****
MEAS. NO. DISPLAY MEASUREMENT DESCRIPTION RANGE RECORDER DRAWING REMARKS
* REQ.NO. * NO. *
*****
* 11C005 * TEMP LH2 S-IVB STAGE VENT LINE -426/0 DEG F DAS + SC* PC1-2413*
* * LUT NEAR VEHICLE * * * 20 INCH PROBE
* * *
* * *
* * *
* 11H001 * TEMP GH2 AT VAPORIZER OUTLET -400/-100 DEG F DAS + SC* PC1-2409*
* * LH2 FACILITY * * * 8 IN PROBE
* * *
* 11H002 * TEMP LH2 TRANSFER LINE NEAR -426/-410 DEG F DAS + SC* PC1-2409*
* * SENSOR A3320 LH2 FACILITY * * * 20 IN PROBE
* * *
* * *
* 11K001 * TEMP INLET TO BURN POND LH2 -400/100 DEG F DAS + SC* PC1-2408*
* * BURN POND, 18 IN. DIAM LINE * * * 10 INCH PROBE
* * *
* 11K011 * TEMP LH2 HEAT EXCHANGER VENT -425/-300 DEG F DAS + SC* PC1-2408*
* * LINE BASE OF LUT BASE OF LH2 * * *
* * TOWER * * *
* 11K012 * TEMP LH2 VEHICLE VENT LINE BASE -425/-300 DEG F DAS + SC* PC1-2408*
* * OF LUT BASE OF LH2 TOWER * * *
* * *
* * *
* 12A001 * TEMP AIR NORTH PRECOOL COIL 30/100 DEG F DAS + MP* PC1-3695*
* * AT ECS * * *
* 12A002 * TEMP AIR NORTH COLD COIL AT ECS 25/55 DEG F DAS + MP* PC1-3695*
* * *
* 12A003 * TEMP AIR SOUTH PRECOOL COIL 30/100 DEG F DAS + MP* PC1-3695*
* * AT ECS * * *
* 12A004 * TEMP AIR SOUTH COLD COIL AT ECS 25/55 DEG F DAS + MP* PC1-3695*
* * *
* 12A005 * TEMP COOLING SYSTEM TANK AT ECS 20/40 DEG F DAS + MP* PC1-3695*
* * *
* 12A006 * TEMP AIR COMMAND MODULE COLD 25/55 DEG F DAS + MP* PC1-3695*
* * COIL AT ECS * * *
* 12A012 * TEMP AIR TO SIVB AFT COMP IN 30/300 DEG F DAS + MP* PC1-3695*
* * DUCT AFTER HEATER AT ECS * * *
* 12A013 * TEMP AIR TO IU COMP IN DUCT 30/300 DEG F DAS + MP* PC1-3695*
* * AFTER HEATER AT ECS * * *
* * *
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ.NO.					NO.	
12A014		TEMP AIR TO SERVICE MODULE COMP	30/300 DEG F	DAS + MP	PC1-3695	
		IN DUCT AFTER HEATER AT ECS				
12A015		TEMP AIR TO COMMAND MODULE COMP	30/300 DEG F	DAS + MP	PC1-3695	
		IN DUCT AFTER HEATER AT ECS				
12A017		TEMP AMBIENT DRY BULB	N/A	HYGRO-		
		OUTSIDE ECS		THERMO		
				GRAPH		
12A019		TEMP COMMAND MODULE PRECOOL COIL	30/100 DEG F	DAS + MP	PC1-3695	
		AT ECS				
12A020		TEMP COOLING TWR WATER (COLD	30/100 DEG F	DAS + MP	PC1-3695	
		LINE) AT ECS				
12A027		TEMP, AIR TO S1B LAUNCHER PEDEST	30/300 DEG F	DAS		
		IN DUCT AFTER HEATER AT ECS				
12A028		TEMP, AIR TO S1B AFT ENG IN DUCT	30/300 DEG F	DAS		
		AFTER HEATER AT ECS				
12A029		TEMP, AIR TO S1B FWD IN DUCT	30/300 DEG F	DAS		
		AFTER HEATER AT ECS				
12B016		TEMP PLENUM IN FLOOR UNDER	50/90 DEG F	DAS + SC		
		CABINET 2 RCA 110 COMPUTER IN				3 IN. PROBE
		LUT RM 15A				
12B018		TEMP AMBIENT AT RCA 110	N/A	HYGRO-		
		COMPUTER LUT ROOM 15A		THERMO		
				GRAPH		
12C009		TEMP AIR/GN2 S-IVB AFT INTERFACE	0/300 DEG F	DAS + SC	PC1-2433	
		SERV. ARM 6				6 INCH PROBE
12C010		TEMP AIR/GN2 IU INTERFACE	30/140 DEG F	DAS + SC	PC1-2434	
		SERV. ARM 7				6 INCH PROBE

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* * * * *
* * * * *
*****
* 12C014 * * TEMP AIR/GN2 SERV MODULE * 30/140 DEG F * DAS + SC* PC1-2435* 6 INCH PROBE
* * * * *
* 12C015 * * TEMP AIR/GN2 COMMAND MODULE * 30/140 DEG F * DAS + SC* PC1-2436* 6 INCH PROBE
* * * * *
* 12C038 * * TEMP, AIR/GN2 S1B LAUNCHER * 32/140 DEG F * DAS + SC* PC1-5227*
* * * * *
* 12C039 * * TEMP, AIR/GN2 S1B AFT NO. 1 * 0/300 DEG F * DAS + SC* PC1-5227*
* * * * *
* 12C040 * * TEMP, AIR/GN2 S1B AFT NO. 2 * 0/300 DEG F * DAS + SC* PC1-5227*
* * * * *
* 12C041 * * TEMP, AIR/GN2 S1B AFT NO. 3 * 0/300 DEG F * DAS + SC* PC1-5227*
* * * * *
* 12C042 * * TEMP, AIR/GN2 S1B AFT NO. 4 * 0/300 DEG F * DAS + SC* PC1-5227*
* * * * *
* 12C043 * * TEMP, AIR/GN2 S1B FWD SA NO. 1A * 32/140 DEG F * DAS + SC* PC1-5227*
* * * * *
* 12C048 * * TEMP, RP-1 IN FUEL TRENCH * 32/150 DEG F * DAS + SC*
* * * * *
* * * * *
* * * * *
* 12G003 * * TEMP, A126 CLUTCH OUTPUT BEARING* 32/240 DEG F * DAS + SC* PC1-2401*
* * * * *
* 12G004 * * TEMP, A127 CLUTCH OUTPUT BEARING* 32/240 DEG F * DAS + SC* PC1-2401*
* * * * *
* 12G007 * * TEMP, A126 CLUTCH COOLING WATER * 32/251 DEG F * DAS + SC* PC1-2401*
* * * * *
* 12G008 * * TEMP, A127 CLUTCH COOLING WATER * 32/251 DEG F * DAS + SC* PC1-2401*
* * * * *
* 12G013 * * TEMP, A126 PUMP RADIAL BEARING * 0/215 DEG F * DAS + SC* PC1-2401*
* * * * *
* 12G014 * * TEMP, A127 PUMP RADIAL BEARING * 0/215 DEG F * DAS + SC* PC1-2401*
* * * * *
* 12G019 * * TEMP, A126 CLUTCH INPUT BEARING * 32/240 DEG F * DAS + SC*
* * * * *
* 12G020 * * TEMP, A126 CLUTCH TRUNNION BEAR.* 32/240 DEG F * DAS + SC*
* * * * *
* 12G021 * * TEMP, A127 CLUTCH INPUT BEARING * 32/240 DEG F * DAS + SC*
* * * * *
* 12G022 * * TEMP, A127 CLUTCH TRUNNION BEAR.* 32/240 DEG F * DAS + SC*
* * * * *
* * * * *
* * * * *
* 12K002 * * TEMP AMBIENT PAD A CAMERA SITE 3* 10/110 DEG F * DAS + SC* PC1-2443*
* * * * *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ. NO.					NO.	
* 12K003	*	* TEMP AMBIENT PAD A CAMERA SITE 6	* 10/110 DEG F	* DAS + SC	* PC1-2443	
* 12K012	*	* TEMP AIR/GN2 IN S-IV-B AFT	* 30/100 DEG F	* DAS + MP		
	*	* COMPARTMENT				
* 12K017	*	* TEMP, INST. UNIT COMPARTMENT AMB	* 30/100 DEG F	* DAS		* IBM MEAS. NO. C136-601
* 12K018	*	* TEMP, INST. UNIT COMPARTMENT AMB	* 30/100 DEG F	* DAS		* IBM MEAS. NO. C500-601
* 12K021	*	* TEMP. AIR/GN2 S1B LAUNCHER	* 30/100 DEG F	* DAS		
	*	* PEDESTAL COMPARTMENT				
* 12K022	*	* TEMP, AIR/GN2 S1B AFT COMP.	* 30/100 DEG F	* DAS		
* 13C064	*	* TEMP, SURFACE OF FLAME WELL	* 32/1900 DEG F	* VDAS		
	*	* 5FT ABOVE FLOOR AT 0 DEG.				
* 13C065	*	* TEMP, SURFACE OF FLAME WELL	* 32/1900 DEG F	* VDAS		
	*	* 5FT ABOVE FLOOR AT 180 DEG.				
* 13C066	*	* TEMP, SURFACE INSIDE TORUS RING	* 32/905 DEG F	* VDAS		
	*	* 5FT ABOVE FLOOR AT 0 DEG.				
* 13C067	*	* TEMP, SURFACE INSIDE TORUS RING	* 32/905 DEG F	* VDAS		
	*	* 5FT ABOVE FLOOR AT 180 DEG				
* 13C068	*	* TEMP, AMB WALKWAY BETWEEN	* 32/905 DEG F	* VDAS		
	*	* BRIDGES EASTEND HANDRAIL				
* 13C069	*	* TEMP, AMB WALKWAY BETWEEN	* 32/905 DEG F	* VDAS		
	*	* BRIDGES CENTER OF HANDRAIL				
* 13C070	*	* TEMP, AMB WALKWAY BETWEEN	* 32/905 DEG F	* VDAS		
	*	* BRIDGES WESTEND HAND RAIL				
* 21C043	*	* VIB. PEDESTAL DECK 127 FT. LEV	* +-2 G	* VDAS		
	*	* OUTSIDE EDGE 180 DEG NORMAL	* 0/30 HZ			
* 21C044	*	* VIB. PEDESTAL DECK 127 FT. LEV	* +-2 G	* VDAS		
	*	* OUTSIDE EDGE 270 DEG NORMAL	* 0/30 HZ			
* 21C045	*	* VIB. PEDESTAL COLUMN 1-4 60 FT.	* +-2 G	* VDAS		
	*	* LEVEL MEAS AXIS HORIZ SIDE 2-4	* 0/30 HZ			

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 21C046 * * VIB. PEDESTAL COLUMN 1-4 60 FT * +-2 G * VDAS * * *
* * * * LEVEL MEAS AXIS HORIZ SIDE 1-3 * 0/30 HZ * * *
* * * * * * * * * * *
* 21C047 * * VIB. PEDESTAL COLUMN 2-3 60 FT * +-2 G * VDAS * * *
* * * * LEVEL MEAS AXIZ HORIZ SIDE 2-4 * 0/30 HZ * * *
* * * * * * * * * * *
* 21C048 * * VIB. PEDESTAL COLUMN 2-3 60 FT * +-2 G * VDAS * * *
* * * * VEVEL MEAS AXIZ HORIZ SIDE 1-3 * 0/30 HZ * * *
* * * * * * * * * * *
* * * * * * * * * * *
* 21K015 * * ACCEL. OF IU, HORIZ AND PARA TO * +-0.5 G * VDAS * * *
* * * * LUT SIDE 1. ATTACH POINT AT VEH.* 0/20 HZ * * *
* * * * POSITION II * * *
* * * * * * * * * * *
* 21K016 * * ACCEL. OF IU, HORIZ AND PARA TO * +-0.5 G * VDAS * * *
* * * * LUT SIDE 2. ATTACH POINT AT VEH.* 0/20 HZ * * *
* * * * POSITION II * * *
* * * * * * * * * * *
* 21K017 * * ACCEL. OF SM, HORIZ AND PARA TO * +-0.5 G * VDAS * * *
* * * * LUT SIDE 1. ATTACH POINT AT VSTA* 0/20 HZ * * *
* * * * 2187 VEH POSITION 1 * * *
* * * * * * * * * * *
* 21K018 * * ACCEL. OF SM, HORIZ AND PARA TO * +-0.5 G * VDAS * * *
* * * * LUT SIDE 2. ATTACH POINT AT VSTA* 0/20 HZ * * *
* * * * 2187 VEH POSITION 1 * * *
* * * * * * * * * * *
* 21K019 * * ACCEL.LES BASE, HORIZ/PARA TO * +- 1 G * VDAS * * *
* * * * LUT SIDE 1 ATTACH POINT AT LES * 0/20 HZ * * *
* * * * LEG HORIZ.BRACE VSTA 2314 NS * * *
* * * * * * * * * * *
* 21K020 * * ACCEL.LES BASE, HORIZ/PARA TO * +- 1 G * VDAS * * *
* * * * LUT SIDE 2 ATTACH POINT AT LES * 0/20 HZ * * *
* * * * LEG HORIZ.BRACE VSTA 2314 NS * * *
* * * * * * * * * * *
* * * * * * * * * * *
* 22A001 * * VIB FLOOR ECS RM (NORM) * +-25 G * VDAS * PC1-2445*
* * * * * 10/2000 HZ * * *
* * * * * * * * * * *
* 22A002 * * VIB WALL ECS RM (NORM) MIDWAY * +-25 G * VDAS * PC1-2445*
* * * * * 10/2000 HZ * * *
* * * * * * * * * * *
* 22A003 * * VIB CEILING ECS RM (NORM) ON * +-25 G * VDAS * PC1-2445*
* * * * * CEILING * 10/2000 HZ * * *
* * * * * * * * * * *
* * * * * * * * * * *
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING NO.	REMARKS
22A004		VIB TOP EQUIP ECS RM (NORM)	+25 G 10/2000 HZ	VDAS	PC1-2445	
22A005		VIB TOP OF INSTRUMENT RACK NO 1 VERTICAL, ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A006		VIB TOP OF TEE TO LOWER PURGE GN2 RELIEF VALVE, VERT ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A007		VIB TOP OF SOUTH COOLING COIL CHAMBER, VERTICAL, ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A008		VIB TOP OF SOUTH DISCHARGE MANIFOLD, VERTICAL, ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A009		VIB TOP OF INSTRUMENT RACK NO. 4 VERTICAL, ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A010		VIB TOP OF CENTRIFUGAL CHILLER NO. 3 VERTICAL, ECS ROOM.	+25 G 10/2000 HZ	VDAS		
22A011		VIB TOP OF SPEED INCREASER FOR CHILLER NO. 3 VERT, ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A012		VIB, TOP OF MOTOR FOR CHILLER NO. 3 VERTICAL, ECS ROOM	+25 G 10/2000 HZ	VDAS		
22A013		VIB VERT REAR TOP OF RACK 4 ROW B RM 208	+5 G 10/2000 HZ	VDAS	PC1-3671	
22A014		VIB (F.TO R.) REAR TOP OF RACK 4 ROW B RM 208	+5 G 10/2000 HZ	VDAS	PC1-3671	
22A015		VIB (S.TO S.) SIDE OF RACK 1 ROW B RM 208	+5 G 10/2000 HZ	VDAS	PC1-3671	
22A016		VIB (VERT) TOP FACE OF RACK 4 ROW E RM 208	+5 G 10/2000 HZ	VDAS	PC1-3671	
22A017		VIB (F.TO R.) TOP FACE OF RACK 4 ROW E RM 208	+5 G 10/2000 HZ	VDAS	PC1-3671	
22C131		VIB, FLAME WELL WALL PANEL BETWEEN HDA I-IV AND HDA IV NORMAL TO WALL	+100 G 10/2000 HZ	VDAS		

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*      *REQ.NO.*      *      *      *      *      *      *
*****
* 22C132 *      * VIB, FLAME WELL WALL PANEL      * +-100 G      * VDAS      *      *      *
*      *      * BETWEEN HDA II-III AND HDA II      * 10/2000 HZ    *      *      *
*      *      * NORMAL TO WALL      *      *      *      *      *
* 22C133 *      * VIB, HDA CONTROL PANEL VERTICAL      * +-100 G      * VDAS      *      *      *
*      *      *      *      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C134 *      * VIB, HDA CONTROL PANEL FRONT      * +-100 G      * VDAS      *      *      *
*      *      * TO REAR RADIAL      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C135 *      * VIB, HDA CONTROL PANEL SIDE      * +-100 G      * VDAS      *      *      *
*      *      * TO SIDE LATERAL      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C136 *      * VIB, HDA IV STIFFENER NO 2      * +-100 G      * VDAS      *      *      *
*      *      * NARROW WEBB VERT I BEAM VERT      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C137 *      * VIB, HDA IV STIFFENER NO2 NARROW* +-100 G      * VDAS      *      *      *
*      *      * WEBB VERT I BEAM NORMAL TO WEBB * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C138 *      * VIB, HDA IV STIFFENER NO 2 WIDE * +-100 G      * VDAS      *      *      *
*      *      * WEBB VERTICAL I BEAM NORMAL/WALL* 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C139 *      * VIB, HDA I-II STIFFENER NO 3      * +-100 G      * VDAS      *      *      *
*      *      * WIDE WEBB VERT I BEAM VERT      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C140 *      * VIB, HDA I-II STIFFENER NO3 WIDE* +-100 G      * VDAS      *      *      *
*      *      * WEBB VERT I BEAM NORMAL TO WEBB * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C141 *      * VIB, HDA I-II STIFFENER NO 3      * +-100 G      * VDAS      *      *      *
*      *      * NARROW WEBB VERT I BEAM      * 10/2000 HZ    *      *      *      *
*      *      * NORMAL TO WALL      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C142 *      * VIB, HDA II-III STIFFENER NO 2      * +-100 G      * VDAS      *      *      *
*      *      * WIDE WEBB VERT I BEAM VERT      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C143 *      * VIB, HDA II-III STIFFENER NO 2      * +-100 G      * VDAS      *      *      *
*      *      * WIDE WEBB VERTICAL I BEAM      * 10/2000 HZ    *      *      *      *
*      *      * NORMAL TO WEBB      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 22C144 *      * VIB, HDA II-III STIFFENER NO 2      * +-100 G      * VDAS      *      *      *
*      *      * NARROW WEBB VERT I BEAM      * 10/2000 HZ    *      *      *      *
*      *      * NORMAL TO WALL      *      *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 22K001 *      * VIB LU1 PEDESTAL (VERT) COR SIDE* +-25 G      * VDAS      * PC1-2445*      *
*      *      * 1 + 2 AS SHOWN      * 10/2000 HZ    *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *      *
*      *REQ.NO.*      *      *      *      *      *      *      *
*****
* 22K002 *      * VIB LUT PEDESTAL (HOR + PARA TO * +-25 G      * VDAS      * PC1-2445*      *      *
*      *      * SID1) CORNER SIDE 1 + 2      * 10/2000 HZ   *      *      *      *      *
*      *      * AS SHOWN      *      *      *      *      *      *      *
* 22K003 *      * VIB LUT PEDESTAL (HOR + PARA TO * +-25 G      * VDAS      * PC1-2445*      *      *
*      *      * SIDE 2) CORNER SIDE 1 + 2      * 10/2000 HZ   *      *      *      *      *
*      *      * AS SHOWN      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 25B005 *      * ACOUSTICS LUT ROOM 7A XDCR VERT * 110/160 DB   * MAG TAPE* PC1-2420*      *      *
*      *      * FACING FLOOR      *      *      *      *      *      *      *
* 25B009 *      * ACOUSTICS ELEV CAGE SIDE 1 LUT * 140/190 DB   * MAG TAPE* PC1-2442*      *      *
*      *      * 0 FT LEVEL XDCR HORIZ FACING VEH*      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 25B011 *      * ACOUSTICS LUT RM 9A XDCR VERT FCG* 110/160 DB   * MAG TAPE* PC1-2320*      *      *
*      *      * FLOOR, 1FT. BELOW CEILG BEAM      *      *      *      *      *      *      *
*      *      * 8 FT FROM SIDE 1/2      *      *      *      *      *      *      *
* 25B018 *      * ACOUSTICS LUT ROOM 16B XDCR      * 120/170 DB   * MAG TAPE* PC1-2419*      *      *
*      *      * HORIZ FACING SIDE 4      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 25C006 *      * ACOUSTICS CORNER 1-2 LUT 140      * 140/190 DB   * MAG TAPE* PC1-2442*      *      *
*      *      * FOOT LEVEL XDCR FACING VEH      *      *      *      *      *      *      *
* 25C010 *      * ACOUSTICS CORNER 1-2 LUT 360      * 140/190 DB   * MAG TAPE* PC1-2442*      *      *
*      *      * FOOT LEVEL XDCR FACING VEH      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 26C001 *      * WIND SPEED LUT 445 FT LEVEL      * 0/60 KNOTS   * SEE      * PC1-2453*      *      *
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 26C002 *      * WIND DIRECTION LUT 445 FT LEVEL * 0/540 DEG    * SEE      * PC1-2453*      *      *
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 26C005 *      * WIND SPEED LUT 195 FT LEVEL      * 0/60 KNOTS   * SEE      * PC1-2453*      *      *
*      *      * COR. S. 3-4      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * NO. *
*****
* 26C006 * * WIND DIRECTION 195 FT LEVEL * 0/540 DEG * SEE * PC1-2453*
* * * * COR. S. 3-4 * * REMARKS * * DAS,CM AT FR,LUT + PTCR
* * * * * * * * SC AT LCC + LUT
* * * * *
* 26C007 * * WIND SPEED LUT 445 FT LEVEL * 0/60 KNOTS * DAS + SC* PC1-2453*
* * * * REDUNDANT TO 26C001 * * * *
* * * * *
* 26C008 * * WIND DIRECTION LUT 445 FT LEVEL * 0/540 DEG * DAS + SC* PC1-2453*
* * * * REDUNDANT TO 26C002 * * * *
* * * * *
* * * * *
* 26K001 * * WIND SPEED 60 FOOT LIGHT POLE * 0/60 KNOTS * DAS + SC* PC1-2443*
* * * * CAMERA SITE 3 * * CM *
* * * * *
* 26K002 * * WIND DIRECTION 60 FOOT LIGHT * 0/540 DEG * DAS + SC* PC1-2443*
* * * * POLE CAMERA SITE 3 * * CM *
* * * * *
* 26K003 * * WIND SPEED 60 FOOT LIGHT POLE * 0/60 KNOTS * DAS + SC* PC1-2443*
* * * * CAMERA SITE 6 * * CM *
* * * * *
* 26K004 * * WIND DIRECTION 60 FOOT LIGHT * 0/540 DEG * DAS + SC* PC1-2443*
* * * * POLE CAMERA SITE 6 * * CM *
* * * * *
* 26K005 * * BAROMETRIC PRESSURE CAMERA SITE * 26-31 IN HG * DAS + SC* PC1-2443*
* * * * *
* 26K006 * * BAROMETRIC PRESSURE CAMERA SITE * 26-31 IN HG * DAS + SC* PC1-2443*
* * * * *
* 26K007 * * SOLAR RADIATION CAMERA SITE 4 * 0-2 LANGLEY * DAS + SC* PC1-2443*
* * * * TOTAL * * *
* * * * *
* 26K008 * * SOLAR RADIATION CAMERA SITE 4 * 0-2 LANGLEY * DAS + SC* PC1-2443*
* * * * NORMAL * * *
* * * * *
* * * * *
* 31C123 * * FORCE SERVICE MODULE WITHDRAWAL * 0/2000 LBS * SC * * VAB HIGH BAY TESTS ONLY
* * * * CABLE END OF SERVICE ARM NO. 8 * * *
* * * * *
* 31C124 * * FORCE REDUNDANT MODULE WITH- * 0/2000 LBS * SC * * VAB HIGH BAY TESTS ONLY
* * * * DRAWAL CABLE END OF SER ARM NO.8* * *
* * * * *
* 31C148 * * STRAIN,HDA-II III STIFFENER * +- 1K MI/I * VDAS * *
* * * * INSIDE FLANGE MIDPOINT VERTICAL * * *
* * * * *
* 31C149 * * STRAIN,HDA-II III STIFFENER * +- 1K MI/I * VDAS * *
* * * * INSIDE FLANGE MIDPOINT HORIZ * * *
* * * * *
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ.NO.					NO.	
* 31C150	*	* STRAIN,HDA-II III STIFFENER	* +- 1K MI/I	* VDAS	*	*
	*	* OUTSIDE FLANGE MIDPOINT VERTICAL			*	*
* 31C151	*	* STRAIN,HDA-II III STIFFENER	* +- 1K MI/I	* VDAS	*	*
	*	* OUTSIDE FLANGE MIDPOINT HORIZ			*	*
* 31C152	*	* STRAIN,HDA-II III STIFFENER	* +- 1K MI/I	* VDAS	*	*
	*	* TOP FLANGE AT MIDPOINT LONGIT			*	*
* 31C153	*	* STRAIN,HDA-II III STIFFENER	* +- 1K MI/I	* VDAS	*	*
	*	* BOTTOM FLANGE MIDPOINT LONGIT			*	*
* 31C154	*	* STRAIN,STIFFENER BETWEEN HDA II	* +- 1K MI/I	* VDAS	*	*
	*	* AND HDA II-III INSIDE FLANGE			*	*
	*	* AT MIDPOINT VERTICAL			*	*
* 31C155	*	* STRAIN,STIFFENER BETWEEN HDA II	* +- 1K MI/I	* VDAS	*	*
	*	* AND HDA II-III INSIDE FLANGE			*	*
	*	* AT MIDPOINT HORIZONTAL			*	*
* 31C156	*	* STRAIN,STIFFENER BETWEEN HDA II	* +- 1K MI/I	* VDAS	*	*
	*	* AND HDA II-III OUTSIDE FLANGE			*	*
	*	* AT MIDPOINT VERTICAL			*	*
* 31C157	*	* STRAIN,STIFFENER BETWEEN HDA II	* +- 1K MI/I	* VDAS	*	*
	*	* AND HDA II-III OUTSIDE FLANGE			*	*
	*	* AT MIDPOINT HORIZONTAL			*	*
* 31C158	*	* STRAIN,STIFFENER BETWEEN HDA II	* +- 1K MI/I	* VDAS	*	*
	*	* AND HDA II-III TOP FLANGE			*	*
	*	* AT MIDPOINT LONGITUDINAL			*	*
* 31C159	*	* STRAIN,STIFFENER BETWEEN HDA II	* +- 1K MI/I	* VDAS	*	*
	*	* AND HDA II-III BOTTOM FLANGE			*	*
	*	* AT MIDPOINT LONGITUDINAL			*	*
* 31C160	*	* STRAIN, LONGT. PEDESTAL COLUMN	* +- 1K MI/I	* DAS	*	*
	*	* 1-2 54 FT LEVEL NO.1			*	*
* 31C161	*	* STRAIN, LONGT. PEDESTAL COLUMN	* +- 1K MI/I	* DAS	*	*
	*	* 1-2 54 FT LEVEL NO.2			*	*
* 31C162	*	* STRAIN, LONGT. PEDESTAL COLUMN	* +- 1K MI/I	* DAS	*	*
	*	* 1-2 54 FT LEVEL NO.3			*	*
* 31C163	*	* STRAIN, LONGT. PEDESTAL COLUMN	* +- 1K MI/I	* DAS	*	*
	*	* 2-3 54 FT LEVEL NO.1			*	*

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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 31C164 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 2-3 54 FT LEVEL NO.2 * * * * *
* * * * *
* 31C165 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 2-3 54 FT LEVEL NO.3 * * * * *
* * * * *
* 31C166 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 3-4 54 FT LEVEL NO.1 * * * * *
* * * * *
* 31C167 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 3-4 54 FT LEVEL NO.2 * * * * *
* * * * *
* 31C168 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 3-4 54 FT LEVEL NO.3 * * * * *
* * * * *
* 31C169 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 1-4 54 FT LEVEL NO.1 * * * * *
* * * * *
* 31C170 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 1-4 54 FT LEVEL NO.2 * * * * *
* * * * *
* 31C171 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 1-4 54 FT LEVEL NO.3 * * * * *
* * * * *
* 31C172 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 1-2 112 FT LEVEL * * * * *
* * * * *
* 31C173 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 2-3 112 FT LEVEL * * * * *
* * * * *
* 31C174 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 3-4 112 FT LEVEL * * * * *
* * * * *
* 31C175 * * STRAIN, LONGT. PEDESTAL COLUMN * +- 1K MI/I * DAS * * *
* * * * 4-1 112 FT LEVEL * * * * *
* * * * *
* 31C176 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * * *
* * * * SIDE 1 CORNER 4-1 112 FT LEVEL * * * * *
* * * * *
* 31C177 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * * *
* * * * SIDE 1 CORNER 1-2 112 FT LEVEL * * * * *
* * * * *
* 31C178 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * * *
* * * * SIDE 2 CORNER 2-1 112 FT LEVEL * * * * *
* * * * *
* 31C179 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * * *
* * * * SIDE 2 CORNER 2-3 112 FT LEVEL * * * * *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
*
* 31C180 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * *
* * * * SIDE 3 CORNER 3-2 112 FT LEVEL * * * *
* * * *
* 31C181 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * *
* * * * SIDE 3 CORNER 3-4 112 FT LEVEL * * * *
* * * *
* 31C182 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * *
* * * * SIDE 4 CORNER 4-3 112 FT LEVEL * * * *
* * * *
* 31C183 * * STRAIN, LONGT. DIAG. STRUT PEDEST* +- 1K MI/I * DAS * *
* * * * SIDE 4 CORNER 4-1 112 FT LEVEL * * * *
* * * *
* * * *
* * * *
* * * *
* 31K005 * * TENSION SLIDEWIRE AT ANCHOR * 0/50000 LBS * DAS + SC* *
* * * * POINT AT LUT 340 FT LEVEL PAD A * * * *
* * * *
* * * *
* * * *
* 32C001 * * POSITION SIVB STAGE LH2 ANNIN * 0/100 PCT OPEN * DAS + SC* PC1-2412*
* * * * VALVE LUT 200 FT LEVEL * * * *
* * * * AT VALVE A3311 * * * *
* * * *
* 32C004 * * POSITION LOX REPLENISH CONT. * 0/100 PCT OPEN * DAS + SC* PC1-2405*
* * * * VALVE A205 LUT 120 FT LEVEL * * * *
* * * * (ANNIN VALVE) * * * *
* * * *
* 32C005 * * POSITION LOX REPLENISH CONT. * 0/100 PCT OPEN * DAS + SC* PC1-2405*
* * * * VALVE A206 LUT 200 FT LEVEL * * * *
* * * * (ANNIN VALVE) * * * *
* * * *
* 32C006 * * POS. APOLLO ACCESS ARM ENVIRO. * +-12 IN * DAS + SC* PC1-2436*
* * * * CHAMBER, LATERAL N-S DIRECTION * * * *
* * * *
* 32C007 * * POS. APOLLO ACCESS ARM ENVIRO. * +-12 IN * DAS + SC* PC1-2436*
* * * * CHAMBER, LATERAL E-W DIRECTION * * * *
* * * *
* 32C012 * * POSITION DAMPER CYL RIGHT SIDE * 0/53 INCHES * DAS + SC* PC1-2449*
* * * * PRIMARY DAMPER ARM LUT * * * *
* * * *
* 32C013 * * POSITION DAMPER CYL LEFT SIDE * 0/53 INCHES * DAS + SC* PC1-2449*
* * * * PRIMARY DAMPER ARM LUT * * * *
* * * *
* 32C017 * * DEFLECTION PEDESTAL BRIDGE AT * +- 3 IN * VDAS * *
* * * * LUT CORNER 1-2 HORIZ AND * * * *
* * * * PARALLEL TO SIDE 1 * * * *
* * * *
* * * *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 32C018 * * DEFLECTION PEDESTAL BRIDGE AT * +- 3 IN * VDAS * *
* * * * LUT CORNER 1-2 HORIZ AND 120 DEG* * * *
* * * * FROM SIDE 1 MEAS 32C017 * * * *
* 32C019 * * DEFLECTION PEDESTAL BRIDGE AT * +- 3 IN * VDAS * *
* * * * LUT CORNER 1-2 HORIZ AND 240 DEG* * * *
* * * * FROM SIDE 1 MEAS 32C017 * * * *
* 32C033 * * POSITION RP-1 ANNIN VALVE * 0/100 PCT OPEN * DAS + SC*
* * * * 100 FT. LEVEL VALVE COMPLEX * * * *
* 32C035 * * POSITION, S1B LOX SLOW FILL CONT* 0/100 PCT OPEN * DAS + SC*
* * * * VALVE A61203 120 FT LEVEL * * * *
* * * * * * * *
* 32G001 * * POSITION LOX VAPORIZER FLOW * 0/100 PCT OPEN * DAS + SC* PC1-2402*
* * * * CONTROL VALVE A12 1 1/2 INCH * * * *
* * * * TRAVEL AT LOX FACILITY * * * *
* 32G002 * * POSITION, IM FLOW CONTROL BYPASS* 0/100 PCT OPEN * DAS + SC* PC1-2402*
* * * * VALVE A197 * * * *
* 32G003 * * POSITION, IM FLOW CONTROL BYPASS* 0/100 PCT OPEN * DAS + SC* PC1-2402*
* * * * VALVE A136 * * * *
* * * * * * * *
* 33C011 * * FLOWRATE RP-1 100 FT LEVEL * 0/3000 GPM * DAS + SC*
* * * * VALVE COMPLEX * * * *
* * * * * * * *
* 33G001 * * FLOW RATE LOX REPLENISH LINE * 0/1500 GPM * DAS + SC* PC1-2402*
* * * * LOX FACILITY FLOW METER A67 * * * *
* 33G003 * * FLOW RATE 12 INCH LOX LINE * 0/12000 GPM * DAS + SC* PC1-2402*
* * * * LOX FACILITY FLOW METER A69 * * * *
* 33G006 * * FLOW RATE, A126 CLUTCH COOLING * 0/50 GPM * DAS + SC* PC1-2402*
* * * * WATER * * * *
* 33G007 * * FLOW RATE, A127 CLUTCH COOLING * 0/50 GPM * DAS + SC* PC1-2402*
* * * * WATER * * * *
* * * * * * * *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*                               *             * NO.        *
*****
* 33G008 *      * FLOW RATE LOX REPLENISH LINE      * 0/1500 GPM  * DAS + SC* PC1-2402*
*          *      * REDUNDANT TO 33G01            *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 33K006 *      * FLOW RATE, POTABLE WATER TO      * +-10 PSID   * DAS + SC* PC1-2408*
*          *      * LH2 BURN POND                 *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 34F001 *      * RPM RP-1 TRANSFER PUMP RP-1      * 0/3800 RPM  * DAS + SC* PC1-2415*
*          *      * STORAGE AREA                   *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 34G003 *      * RPM, A126 LOX PUMP                 * 0/3600 RPM  * DAS + SC* PC1-2401*
*          *      *                               *             *             *
* 34G004 *      * RPM, A127 LOX PUMP                 * 0/3600 RPM  * DAS + SC* PC1-2401*
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 34K002 *      * RPM INDUSTRIAL WATER PUMP P-1     * 0/1800 RPM  * DAS + SC* PC1-4005*
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 35F001 *      * LIQUID LEVEL RP-1 STORAGE TANK    * 0/263 K GAL * DAS + SC* PC1-2416*
*          *      * AT RP-1 STORAGE FACILITY       *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 35G001 *      * LIQUID LEVEL LOX STORAGE TANK     * 0/950 K GAL * DAS + SC* PC1-2401*
*          *      * AT LOX STORAGE FACILITY         *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
* 35H001 *      * LIQUID LEVEL LH2 STORAGE TANK     * 0/900 K GAL * DAS + SC* PC1-2408*
*          *      * AT LH2 STORAGE FACILITY         *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
*          *      *                               *             *             *
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 39C002 * * CORONA CURRENT MIDPOINT OF LUT * +-100 MA * SC * PC1-2453*
* * * * CRANE BOOM * * * * *
* 39C003 * * MAGNETIC LINK LUT LIGHTNING MAST* N/A * MAG LINK* PC1-2453*
* * * * TOP * * * * *
* 39C004 * * LIGHTNING DISCHARGE COUNTER TOP * N/A * SC * PC1-2453*
* * * * OF LIGHTNING MAST * * * * *
* 39C008 * * STROKE CURRENT AT BASE OF LIGHTN* 0/200 KA * SC * PC1-2453*
* * * * ING MAST * * * * *
* 39C016 * * LIGHTNING CURRENT WAVEFORM * 0/200 KA * SC * PC1-2453*
* * * * LUT 3 LIGHTNING MAST * * * * *
* 39C017 * * LIGHTNING INDUCED CURRENT, LIGHT* 0/200 KA * SC * PC1-2453*
* * * * MAST CABLES, TOP OF LUT * * * * *
* * * * * * * * * *
* 39K017 * * MAG. LINK, ON SLIDEWIRE BETWEEN * NA * MAG LINK* *
* * * * BARRIER AND SUPPORT TOWER * * * * *
* 39K018 * * MAG. LINK ON SLIDEWIRE WITHIN 18* NA * MAG LINK* *
* * * * INCHES OF ANCHORING POINT ON LUT* * * * *
* * * * * * * * * *
* 39X016 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 1, CAMERA SITE 10 * * * * *
* 39X017 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 2, WEATHER TOWER 11 * * * * *
* 39X018 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 3, WEATHER TOWER 12 * * * * *
* 39X019 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 4, CAMERA SITE 9 * * * * *
* 39X020 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 5, WEATHER TOWER 10 * * * * *
* 39X021 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 6, CAMERA SITE 5 * * * * *
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 39X022 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 7, CAMERA SITE 13 * * * *
* * * * * * * *
* 39X023 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 8, CAMERA SITE 4 * * * *
* * * * * * * *
* 39X024 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 9, CAMERA SITE 7 * * * *
* * * * * * * *
* 39X025 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 10, CAMERA SITE 14 * * * *
* * * * * * * *
* 39X026 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 11, WEATHER TOWER 8 * * * *
* * * * * * * *
* 39X027 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 12, WEATHER TOWER 7 * * * *
* * * * * * * *
* 39X028 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 13, CAMERA SITE 12 * * * *
* * * * * * * *
* 39X029 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 14, CAMERA SITE 15 * * * *
* * * * * * * *
* 39X030 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 15, UDOP TRANSMITTER * * * *
* * * * * * * *
* 39X031 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 16, CAMERA SITE 3 * * * *
* * * * * * * *
* 39X032 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 17, WEATHER TOWER 6 * * * *
* * * * * * * *
* 39X033 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 18, FREQUENCY CONTROL * * * *
* * * * * * * *
* 39X034 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 19, WEATHER TOWER 1 * * * *
* * * * * * * *
* 39X035 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 20, CIF FIELD ANTENNA * * * *
* * * * * * * *
* 39X036 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 21, CAMERA SITE 2 * * * *
* * * * * * * *
* 39X037 * * ELECTRIC FIELD INTENSITY * +-15 KV/M * DAS * PC1-5159*
* * * * SITE 22, UNIFIED S BAND SITE * * * *
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      * * *
*          *REQ.NO.*                               *          *          * NO.          * * *
*****
* 39X038 *      * ELECTRIC FIELD INTENSITY          * +-15 KV/M   * DAS      * PC1-5159*      * * *
*        *      * SITE 23, CAMERA SITE 1          *            *          *          *          * * *
* 39X039 *      * ELECTRIC FIELD INTENSITY          * +-15 KV/M   * DAS      * PC1-5159*      * * *
*        *      * SITE 24, WEATHER TOWER 5        *            *          *          *          * * *
* 39X040 *      * ELECTRIC FIELD INTENSITY          * +-15 KV/M   * DAS      * PC1-5159*      * * *
*        *      * SITE 25, TPQ-18 RADAR SITE      *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
* 41A001 *      * SIGNAL AT T-0                      * 0/5 VOLTS   * DAS      *          *          * * *
*        *      *                                *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
* 41B001 *      * SIGNAL AT T-0, ROOM 10B LUT        * 0/5 VOLTS   * DAS      *          *          * * *
*        *      *                                *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
* 41C001 *      * EVENT, SERVICE MODULE RETRACTED * 0/5 VOLTS   * SC       *          *          * * *
*        *      * SWING ARM 8 0 VOLT-EXTD5VOLT-RET* EXTD/RETRD  *          *          *          * * *
* 41C002 *      * EVENT, SWING ARM 7 RETRACTED      * 0/5 VOLTS   * SC       *          *          * * *
*        *      * 0 VOLTS-EXTD 5 VOLTS-RETRCTD    * EXTD/RETRD  *          *          *          * * *
*        *      *                                *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
* 41K001 *      * SIGNAL PAMS START                  * OFF 0 VOLTS * DAS      *          *          * * *
*        *      *                                * ON 6V OR 28V*          *          *          * * *
*        *      *                                *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
* 42A006 *      * KW S-IVB AFT HTR. BANK 1 AND 2    * 0/100 PCT   * DAS + MP* PC1-2639*      * * *
*        *      * REHEAT ECS ROOM                  *            *          *          *          * * *
* 42A007 *      * KW IU HTR. BANK 1 AND 2 REHEAT    * 0/100 PCT   * DAS + MP* PC1-2639*      * * *
*        *      * ECS ROOM                          *            *          *          *          * * *
* 42A008 *      * KW SERVICE HTR. BANK 1 AND 2      * 0/100 PCT   * DAS + MP* PC1-2639*      * * *
*        *      * REHEAT ECS ROOM                  *            *          *          *          * * *
* 42A009 *      * KW COMMAND HTR. BANK 1 AND 2      * 0/100 PCT   * DAS + MP* PC1-2639*      * * *
*        *      * REHEAT ECS ROOM                  *            *          *          *          * * *
*        *      *                                *            *          *          *          * * *
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * NO. *
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*
* 42A025 * * VOLTAGE CONSTANT VOLTAGE SOURCE * 0/10 VOLTS * DAS * *
* * * * ROOM 208 PTCR * * * * *
*
* 42A026 * * KW S1B LAUNCHER PEDESTAL HEATER * 0/100 PCT * DAS * *
* * * * BANK 1 AND 2 REHEAT ECS ROOM * * * * *
*
* 42A027 * * KW S1B AFT ENG HEATER BANK 1 * 0/100 PCT * DAS * *
* * * * AND 2 REHEAT ECS ROOM * * * * *
*
* 42A028 * * KW S1B FWD HEATER BANK 1 AND 2 * 0/100 PCT * DAS * *
* * * * REHEAT ECS ROOM * * * * *
*
*
*
* 42B001 * * VOLTAGE CONSTANT VOLTAGE SOURCE * 0/10 VOLTS * DAS * *
* * * * * * * * *
*
* 42K002 * * VOLTAGE, DAS F+E SYSTEMS * 0/5 VDC * DAS * *
* * * * CALIBRATION * * * * *
*
*
*
* 44A001 * * RELATIVE HUMIDITY OUTSIDE OF ECS * * * *
* * * * ROOM * * * *
*
*
*
* 44B001 * * REL HUMIDITY AT RCA 110 LUT * * * *
* * * * RM 15A * * * *
*
*
*
* 44K001 * * RELATIVE HUMIDITY AMBIENT * 0/100 PCT * DAS + SC* PC1-2443*
* * * * CAMERA SITE 3 * * * *
*
* 44K002 * * RELATIVE HUMIDITY AMBIENT * 0/100 PCT * DAS + SC* PC1-2443*
* * * * CAMERA SITE 6 * * * *
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*      *REQ.NO.*      *      *      *      *      *      *
*****
* 50C001 *      * H2 SENSOR VENT LINE EXPANSION    * 0/4 PCT     * EVENT     * PC1-3914* ALARM LEVEL 1 PCT H2
*      *      *      * JOINT AT LUT DISCONNECT      * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C002 *      * H2 SENSOR VENT LINE EXPANSION    * 0/4 PCT     * EVENT     * PC1-3914* ALARM LEVEL 1 PCT H2
*      *      *      * JOINT BASE OF VERT PIPE LUT  * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C003 *      * H2 SENSOR VENT LINE EXPANSION    * 0/4 PCT     * EVENT     * PC1-3927* ALARM LEVEL 1 PCT H2
*      *      *      * 100 FOOT LEVEL LUT          * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C004 *      * H2 SENSOR VENT LINE EXPANSION    * 0/4 PCT     * EVENT     * PC1-3927* ALARM LEVEL 1 PCT H2
*      *      *      * 140 FOOT LEVEL LUT          * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C005 *      * H2 SENSOR VENT LINE EXPANSION    * 0/4 PCT     * EVENT     * PC1-3915* ALARM LEVEL 1 PCT H2
*      *      *      * 200 FOOT LEVEL LUT          * H2 CONCEN IN AIR *      * PC1-3916* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *
* 50C021 *      * H2 SENSOR REPLENISH VALVE          * 0/4 PCT     * EVENT     * PC1-3916* CONCENTRATION IN AIR
*      *      *      * A-3311 LUT                    * H2 CONCEN IN AIR *      * PC1-3926*
*      *      *      *      *      *      *      *      *      *
* 50C022 *      * H2 SENSOR MAIN FILL VALVE            * 0/4 PCT     * EVENT     * PC1-3926* ALARM LEVEL 1 PCT H2
*      *      *      * A-3321 LUT                    * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C023 *      * H2 SENSOR MAIN FILL VALVE            * 0/4 PCT     * EVENT     * PC1-3916* ALARM LEVEL 1 PCT H2
*      *      *      * REDUNDANT A-3368 LUT          * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C024 *      * H2 SENSOR UMBILICAL VENT VALVE        * 0/4 PCT     * EVENT     * PC1-3926* ALARM LEVEL 1 PCT H2
*      *      *      * A-3317 LUT                    * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C025 *      * H2 SENSOR UMBILICAL VENT VALVE        * 0/4 PCT     * EVENT     * PC1-3916* ALARM LEVEL 1 PCT H2
*      *      *      * REDUNDANT (A-3366) LUT        * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C026 *      * H2 SENSOR UMBILICAL VENT VALVE        * 0/4 PCT     * EVENT     * PC1-3916* ALARM LEVEL 1 PCT H2
*      *      *      * BY-PASS A-3367 LUT            * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C027 *      * H2 SENSOR FILTER BURST                  * 0/4 PCT     * EVENT     * PC1-3916* ALARM LEVEL 1 PCT H2
*      *      *      * DISCONNECT FLANGE A-3414 LUT * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C028 *      * H2 SENSOR HEAT EXCHG INLET VALVE        * 0/4 PCT     * EVENT     * PC1-3917* ALARM LEVEL 1 PCT H2
*      *      *      * A-12273 LUT                    * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C029 *      * H2 SENSOR VENT CHECK VALVE A3442        * 0/4 PCT     * EVENT     * PC1-3670* ALARM LEVEL 1 PCT H2
*      *      *      * LUT                          * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C030 *      * H2 SENSOR HEAT EXCHG OUTLET              * 0/4 PCT     * EVENT     * PC1-3917* ALARM LEVEL 1 PCT H2
*      *      *      * CHECK AND FLEX (A-3444) LUT  * H2 CONCEN IN AIR *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
* 50C031 *      * H2 SENSOR DEBRIS VALVE SWING              * 0/4 PCT     * EVENT     * PC1-3926* ALARM LEVEL 1 PCT H2
*      *      *      * ARM NO 6 (A-7654) LUT        * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *      *      *      *
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING NO.	REMARKS
50C032	*	H2 SENSOR ABOVE VENT MANIFOLD BENEATH VALVE SKID LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3916* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C033	*	H2 SENSOR DISCONNECT VEHICLE FILL AND DRAIN SWING ARM NO 6	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C034	*	H2 SENSOR VACUUM JACKET MECHANICAL JOINT SW ARM NO 6	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3917* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C035	*	H2 SENSOR DISCONNECT VEHICLE VENT SWING ARM NO 7 LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3917* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C036	*	H2 SENSOR INSTRUMENT CABINET 6200A1 VENT. PORT LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C037	*	H2 SENSOR DISCONNECT TOWER LUT INTERFACE	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3914* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C038	*	H2 SENSOR 40 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3914* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C039	*	H2 SENSOR 60 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3914* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C040	*	H2 SENSOR 80 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3927* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C041	*	H2 SENSOR 100 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3927* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C042	*	H2 SENSOR 120 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3927* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C043	*	H2 SENSOR 140 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3927* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C044	*	H2 SENSOR 160 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3927* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C045	*	H2 SENSOR 180 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3915* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C046	*	H2 SENSOR 200 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3915* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50C047	*	H2 SENSOR 220 FOOT LEVEL LUT	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3915* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR

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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*      *REQ.NO.*      *      *      *      *      *      *
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* 50C048 *      * H2 SENSOR 240 FOOT LEVEL LUT      * 0/4 PCT      * EVENT      * PC1-3915* ALARM LEVEL 1 PCT H2
*      *      *      * H2 CONCEN IN AIR *      *      * PC1-3926* CONCENTRATION IN AIR
*      *      *      *      *      *      *
*      *      *      *      *      *      *
*      *      *      *      *      *      *
* 50H001 *      * H2 SENSOR STORAGE TANK AUXILIARY* 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * VENT VALVE (A-3404) LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H002 *      * H2 SENSOR FLEX HOSE ON INLET      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * SIDE A-3422 LH2 AREA      * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H003 *      * H2 SENSOR PRE-CONDITION VALVE      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * A3338 LH2 AREA      * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H004 *      * H2 SENSOR STORAGE TANK VENT      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE A3422 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H005 *      * H2 SENSOR TRANS-LINE ISOLATION      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE A-3401 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H006 *      * H2 SENSOR TRANS-LINE VALVE      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * A3301 LH2 AREA      * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H007 *      * H2 SENSOR TRANS-LINE CHILLDOWN      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE A-3309 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H008 *      * H2 SENSOR TRANS-LINE VENT VALVE      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * A3307 LH2 AREA      * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H009 *      * H2 SENSOR STORAGE TANK VENT      * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE PNEU A-3306 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H010 *      * H2 SENSOR STORAGE TANK VACUUM      * 0/4 PCT      * EVENT      * PC1-3911* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE A-3454 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H011 *      * H2 SENSOR FILL LINE VALVE A3402      * 0/4 PCT      * EVENT      * PC1-3911* ALARM LEVEL 1 PCT H2
*      *      *      * LH2 AREA      * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H012 *      * H2 SENSOR FILL LINE VALVE      * 0/4 PCT      * EVFNT      * PC1-3911* ALARM LEVEL 1 PCT H2
*      *      *      * PNEUMATIC A3302 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H013 *      * H2 SENSOR AUXILIARY VAPOR SUPPLY      * 0/4 PCT      * EVENT      * PC1-3911* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE A3360 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
* 50H014 *      * H2 SENSOR MAIN VAPOR SUPPLY      * 0/4 PCT      * EVENT      * PC1-3911* ALARM LEVEL 1 PCT H2
*      *      *      * VALVE A3361 LH2 AREA * H2 CONCEN IN AIR *      * CONCENTRATION IN AIR
*      *      *      *      *      *      *
*      *      *      *      *      *      *
*      *      *      *      *      *      *
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MEAS. NO.		*DISPLAY*	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*
REQ.NO.						NO.			

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-398

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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*          *          *          * NO.      *          *
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* 50H031 *      * H2 SENSOR VACUUM JACKETS LINE * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*          *      * MECHANICAL JOINT LH2 CROSSCOUNTRY* H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * PIPE LINE BETWEEN FAC + BURR PD.*          *          *      *
* 50H032 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVFNT      * PC1-3912* ALARM LEVEL 1 PCT H2
*          *      * VENT LINE LH2 STORAGE AREA * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
* 50H033 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*          *      * VENT LINE LH2 STORAGE AREA * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
* 50H034 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*          *      * VENT LINE LH2 STORAGE AREA * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
* 50H035 *      * H2 SENSOR REDUNDANT VAPOR FLANGE* 0/4 PCT      * EVENT      * PC1-3912* ALARM LEVEL 1 PCT H2
*          *      * LH2 STORAGE AREA * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      *          *          *          *      *
*          *      *          *          *          *      *
*          *      *          *          *          *      *
* 50K001 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * VENT LINES BETWEEN POND + PAD * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * APRON *          *          *      *
* 50K002 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * VENT LINES BETWEEN POND + PAD * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * APRON *          *          *      *
* 50K003 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * VENT LINES NEAR POND + TEE * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * PAD APRON *          *          *      *
* 50K004 *      * H2 SENSOR FLEX HOSE IN FACILITY * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * VENT LINES NEAR POND + TEE * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * PAD APRON *          *          *      *
* 50K005 *      * H2 SENSOR EXPANSION JOINT * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * BETWEEN POND + TEE PAD APRON * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
* 50K006 *      * H2 SENSOR EXPANSION JOINT * 0/4 PCT      * EVFNT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * BETWEEN POND + TEE PAD APRON * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
* 50K007 *      * H2 SENSOR MECHANICAL JOINT IN * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * V.J. LINE 30 FT SW OF TEE * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * PAD APRON *          *          *      *
* 50K008 *      * H2 SENSOR EXPANSION JOINT IN * 0/4 PCT      * EVENT      * PC1-3910* ALARM LEVEL 1 PCT H2
*          *      * VENT LINE LH2 DISCONNECT PAD * H2 CONCEN IN AIR *      *      * CONCENTRATION IN AIR
*          *      * APRON *          *          *      *
*          *      *          *          *          *      *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ.NO.					NO.	
50K009	*	H2 SENSOR TOWER AND VENT LINE EXPANSION LOOP PAD APRON	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K010	*	H2 SENSOR VACUUM JACKET MECHANICAL JOINT IN H2 TRENCH PAD APRON	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K011	*	H2 SENSOR EXPANSION JOINT IN TRENCH PAD APRON	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K012	*	H2 SENSOR EXPANSION JOINT BASE OF DISC TOWER PAD APRON	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K013	*	H2 SENSOR EXPANSION JOINT TOP OF DISC TOWER PAD APRON	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K014	*	H2 SENSOR VACUUM JKT MECHANICAL JOINT AT LUT DISCONNECT PAD APRON	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K015	*	H2 SENSOR GH2 FILL LINE AT BASE OF DISC TOWER PAD	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K016	*	H2 SENSOR TOP OF DISCONNECT TOWER PAD	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K017	*	H2 SENSOR BASE OF DISCONNECT TOWER PAD	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K018	*	H2 SENSOR TOP OF DISCONNECT TOWER + LUT PAD	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K019	*	H2 SENSOR PAD AREA 14 INCH VENT LINE PAD EXPAN LOOP EAST	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50K020	*	H2 SENSOR PAD AREA 14 INCH VENT LINE PAD EXPAN LOOP WEST	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3910*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50V002	*	H2 SENSOR INTERFACE TANK GH2 AREA MOBILE RECHARGER	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3913*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50V003	*	H2 SENSOR HAND VALVE TANK 1 + 2 INLET WEST END MOB RECHR GH2AREA	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3913*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
50V004	*	H2 SENSOR WEST END OF TANK NO 2 MOB RECHR GH2 AREA	0/4 PCT H2 CONCEN IN AIR	EVENT	PC1-3913*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO. DISPLAY MEASUREMENT DESCRIPTION RANGE RECORDER DRAWING REMARKS
* REQ. NO. * NO. *
*****
* 50V005 * H2 SENSOR HAND VALVE TANK 3 + 4 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * INLT WEST END MOB RECHR GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V006 * H2 SENSOR HAND VALVE WEST END * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * TANK NO 4 MOB RECHR GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V011 * H2 SENSOR AUTOMATIC VALVE A30449 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * GH2 AREA MOB. RECHR * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V012 * H2 SENSOR HAND VALVE LUT SUPPLY * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * LINE GH2 AREA MOB RECHR * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V013 * H2 SENSOR VLV COMPLEX GH2 AREA * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * MOB RECHR LH2 SUPPLY LINE * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V014 * H2 SENSOR REMOTE VALVE LH2 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * SUPPLY LINE GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V015 * H2 SENSOR HAND VALVE RECHARGER * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * TO BATTERY INLET GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V016 * H2 SENSOR HAND VALVE TANK 1 + 2 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * INLET EAST END GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V017 * H2 SENSOR EAST END TANK NO. 2 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V018 * H2 SENSOR HAND VALVE TANK 3 + 4 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * INLET EAST END GH2 AREA * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V019 * H2 SENSOR EAST END OF TANK NO. 4 * 0/4 PCT * EVENT * PC1-3913* ALARM LEVEL 1 PCT H2
* * LUT DISCONNECT * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* 50V032 * H2 SENSOR AIR INTAKE OF GH2 * 0/4 PCT * EVENT * * ALARM LEVEL 1 PCT H2
* * MONITOR TRAILER * H2 CONCEN IN AIR * * * CONCENTRATION IN AIR
* * *
* * *
* * *
* * *
* 51C001 * UV DETECTOR VERT LINE EXPANSION * 1900/2900 A * EVENT * PC1-3914* ALARM POINT 1 INCH FLAME
* * JOINT LUT 0 FT LEVEL * * * * PC1-3926* WITHIN 10 FEET OF DET
* * *
* 51C002 * UV DETECTOR VERT LINE EXPANSION * 1900/2900 A * EVENT * PC1-3914* ALARM POINT 1 INCH FLAME
* * JOINT LUT 200 FT LEVEL * * * * PC1-3926* WITHIN 10 FEET OF DET
* * *
* 51C007 * UV DETECTOR VALVE COMPLEX AREA * 1900/2900 A * EVENT * PC1-3917* ALARM POINT 1 INCH FLAME
* * LUT ALL VALVES * * * * PC1-3926* WITHIN 10 FEET OF DET
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING NO.	REMARKS
51C008	*	UV DETECTOR HEAT EXCHANGE AREA LUT	1900/2900 A	EVENT	PC1-3915*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C009	*	UV DETECTOR LIQUID LINE INTERFACE LUT SWING ARM NO 6	1900/2900 A	EVENT	PC1-3926*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C010	*	UV DETECTOR VENT LINE INTERFACE LUT SWING ARM NO 7	1900/2900 A	EVENT	PC1-3917*	ALARM POINT 1 INCH FLAME WITHIN 5 FEET OF DET
51C011	*	UV DETECTOR DISC TOWER + LUT INTERFACE LUT	1900/2900 A	EVENT	PC1-3917*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C012	*	UV DETECTOR BOTTOM EXPANSION JOINTS ON VENT LINE LUT	1900/2900 A	EVENT	PC1-3917*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C013	*	UV DETECTOR 40 FT LEVEL GH2 JOINT LUT	1900/2900 A	EVENT	PC1-3914*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C015	*	UV DETECTOR 60 FT LEVEL GH2 JOINT LUT	1900/2900 A	EVENT	PC1-3914*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C017	*	UV DETECTOR 80 FT LEVEL GH2 JOINT LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C018	*	UV DETECTOR VENT LINE EXPANSION JOINTS 90 FT LEVEL LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C019	*	UV DETECTOR 100 FT LEVEL GH2 JOINTS LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C021	*	UV DETECTOR 120 FT LEVEL GH2 JOINT LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C022	*	UV DETECTOR VENT LINE EXPANSION JOINT 120 FT LEVEL LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C023	*	UV DETECTOR 140 FT LEVEL GH2 JOINT LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C024	*	UV DETECTOR VENT LINE EXPANSION JOINT 140 FT LEVEL LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C025	*	UV DETECTOR 160 FT LEVEL GH2 JOINT LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51C026	*	UV DETECTOR VENT LINE EXPANSION JOINT 160 FT LEVEL LUT	1900/2900 A	EVENT	PC1-3927*	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET

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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * NO. *
*****
* 51C027 * UV DETECTOR 180 FT LEVEL GH2 * 1900/2900 A * EVENT * PC1-3915* ALARM POINT 1 INCH FLAME
* * JOINT LUT * * * PC1-3926* WITHIN 10 FEET OF DET
* 51C029 * UV DETECTOR 200 FT LEVEL GH2 * 1900/2900 A * EVENT * PC1-3915* ALARM POINT 1 INCH FLAME
* * JOINT LUT * * * PC1-3926* WITHIN 10 FEET OF DET
* 51C031 * UV DETECTOR 220 FT LEVEL GH2 * 1900/2900 A * EVENT * PC1-3915* ALARM POINT 1 INCH FLAME
* * JOINT LUT * * * PC1-3926* WITHIN 10 FEET OF DET
* 51C032 * UV DETECTOR FLEX LINES SWING * 1900/2900 A * EVENT * PC1-3915* ALARM POINT 1 INCH FLAME
* * ARM NO 6 LUT * * * PC1-3926* WITHIN 10 FEET OF DET
* 51C033 * UVDETECTOR 240 FT LEVEL * 1900/2900 A * EVENT * PC1-3915* ALARM POINT 1 INCH FLAME
* * GH2 JOINT * * * PC1-3926* WITHIN 10 FEET OF DET
* 51C034 * UV DETECTOR FLEX LINES SWING * 1900/2900 A * EVENT * PC1-3915* ALARM POINT 1 INCH FLAME
* * ARM NO 7 LUT * * * PC1-3926* WITHIN 10 FEET OF DET
* 51C039 * TW DETECTOR DISCONNECT TOWER * SEE REMARKS * EVENT * PC1-3914* TEMP RISE TO 450 DEG F
* * LUT INTERFACE * * * PC1-3926* ON SENSOR WILL ALARM
* 51C040 * TW DETECTOR 40 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3914* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C041 * TW DETECTOR 60 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3914* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C042 * TW DETECTOR 80 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3927* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C043 * TW DETECTOR 100 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3927* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C044 * TW DETECTOR 120 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3927* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C045 * TW DETECTOR 140 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3927* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C046 * TW DETECTOR 160 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3927* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C047 * TW DETECTOR 180 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3915* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
* 51C048 * TW DETECTOR 200 FT LEVEL LUT * SEE REMARKS * EVENT * PC1-3915* TEMP RISE TO 450 DEG F
* * * * * PC1-3926* ON SENSOR WILL ALARM
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING NO.	REMARKS
51C049		TW DETECTOR 220 FT LEVEL LUT	SEE REMARKS	EVENT	PC1-3915	TEMP RISE TO 450 DEG F
					PC1-3926	ON SENSOR WILL ALARM
51C050		TW DETECTOR 240 FT LEVEL LUT	SEE REMARKS	EVENT	PC1-3915	TEMP RISE TO 450 DEG F
					PC1-3926	ON SENSOR WILL ALARM
51H001		UV DETECTOR PRIMARY VAPOR AREA LH2 AREA VIEW VAPOR AND FILL	1900/2900 A 4 DETECTORS	EVENT	PC1-3911	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H002		UV DETECTOR REDUNDANT VAPOR AREA LH2 AREA	1900/2900 A 4 DETECTORS	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H003		UV DETECTOR VAPOR SUPPLY VALVES LH2 AREA	1900/2900 A	EVENT	PC1-3911	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H004		UV DETECTOR VIEW VALVES LH2 AREA	1900/2900 A	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H005		UV DETECTOR FACILITY VENT EXPANSION LOOP AREA LH2 AREA	1900/2900 A	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H006		UV DETECTOR PRIMARY VAPOR AREA LH2 AREA VIEW VAPOR + FILL	1900/2900 A 4 DETECTORS	EVENT	PC1-3911	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H007		UV DETECTOR REDUNDANT VAPOR AREA LH2 AREA	1900/2900 A 4 DETECTORS	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H008		UV DETECTOR VAPOR SUPPLY VALVES LH2 AREA	1900/2900 A	EVENT	PC1-3911	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H009		UV DETECTOR VAPOR SUPPLY VALVES LH2	1900/2900 A	EVENT	PC1-3911	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H010		UV DETECTOR VIEW VALVES LH2 AREA	1900/2900 A	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H011		UV DETECTOR VIEW VALVES LH2 AREA	1900/2900 A	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H012		UV DETECTOR VIEW VALVES LH2 AREA	1900/2900 A	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET
51H013		UV DETECTOR FACILITY VENT EXPANSION LOOP AREA LH2 AREA	1900/2900 A	EVENT	PC1-3912	ALARM POINT 1 INCH FLAME WITHIN 10 FEET OF DET

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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *      *      *
*      *REQ.NO.*      *      *      *      *      *      *      *      *
*****
* 51H014 *      * UV DETECTOR FACILITY VENT      * 1900/2900 A * EVENT    * PC1-3912* ALARM POINT 1 INCH FLAME
*      *      * EXPANSION LOOP AREA LH2 AREA      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 51K001 *      * UV DETECTOR ML VENT EXPANSION      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * LOOP AREA PAD      * 6 DETECTORS *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K002 *      * UV DETECTOR VJ MECHANICAL JOINT      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * PAD      * 2 DETECTORS *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K003 *      * UV DETECTOR BURN POND EXPAN      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * JOINT AREA PAD      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K004 *      * UV DETECTOR ENTRANCE TO H2      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * TRENCH PAD      * 2 DETECTORS *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K005 *      * UV DETECTOR ENTRANCE TO H2      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * TRENCH PAD      * 2 DETECTORS *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K006 *      * UV DETECTOR BURN POND      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * PAD      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K007 *      * UV DETECTOR ML DISCONNECT AREA      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * PAD      * 2 DETECTORS *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K008 *      * UV DETECTOR GH2 FILL LINE AND      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * AND DISCONNECT TOWER BASE PAD      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K009 *      * UV DETECTOR DISCONNECT TOWER      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * TOP PAD      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K011 *      * UV DETECTOR DISC TOWER BASE EAST* 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * SIDE PAD      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K015 *      * UV DETECTOR ELBOW ON FILL LINE      * 1900/2900 A * EVENT    * PC1-3910* ALARM POINT 1 INCH FLAME
*      *      * TO DISCONN PAD      *      *      *      *      * WITHIN 10 FEET OF DET
*      *      *      *      *      *      *      *      *
* 51K016 *      * TW DETECTOR GH2 FILL LINE AND      * SEE REMARKS * EVENT    * PC1-3910* TEMP RISE TO 450 DEG F
*      *      * DISCONNECT      *      *      *      *      * ON SENSOR WILL ALARM
*      *      *      *      *      *      *      *      *
* 51K017 *      * TW DETECTOR TOP DISCONNECT      * SEE REMARKS * EVENT    * PC1-3910* TEMP RISE TO 450 DEG F
*      *      * TOWER      *      *      *      *      * ON SENSOR WILL ALARM
*      *      *      *      *      *      *      *      *
* 51K018 *      * TW DETECTOR TOP DISCONNECT      * SEE REMARKS * EVENT    * PC1-3910* TEMP RISE TO 450 DEG F
*      *      * TOWER      *      *      *      *      * ON SENSOR WILL ALARM
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*          *          *          * NO.        *          *
*****
* 51K019 *      * TW DETECTOR TOP OF DISCONNECT * SEE REMARKS * EVENT * PC1-3910* TEMP RISE TO 450 DEG F
*          *      * TOWER                      *          *          *          * ON SENSOR WILL ALARM
*          *      *
*          *      *
*          *      *
*          *      *
* 51V001 *      * UV DETECTOR INTERFACE STORAGE * 1900/2900 A * EVENT * PC1-3913* ALARM POINT 1 INCH FLAME
*          *      * TANKS GH2 AREA                *          *          * WITHIN 10 FEET OF DET
*          *      *
* 51V002 *      * UV DETECTOR EAST WALL BETWEEN * 1900/2900 A * EVENT * PC1-3913* ALARM POINT 1 INCH FLAME
*          *      * TANKS 6 AND 8 GH2 AREA          *          *          * WITHIN 10 FEET OF DET
*          *      *
* 51V004 *      * UV DETECTOR EAST WALL BETWEEN * 1900/2900 A * EVENT * PC1-3913* ALARM POINT 1 INCH FLAME
*          *      * TANKS 2 AND 4 GH2 AREA          *          *          * WITHIN 10 FEET OF DET
*          *      *
* 51V005 *      * UV DETECTOR WEST END FACING * 1900/2900 A * EVENT * PC1-3913* ALARM POINT 1 INCH FLAME
*          *      * TANKS 8 AND 6 GH2 AREA          *          *          * WITHIN 10 FEET OF DET
*          *      *
* 51V006 *      * UV DETECTOR WEST END FACING * 1900/2900 A * EVENT * PC1-3913* ALARM POINT 1 INCH FLAME
*          *      * TANKS 4 AND 2 GH2 AREA          *          *          * WITHIN 10 FEET OF DET
*          *      *
* 51V007 *      * UV DETECTOR SOUTH WALL VIEWING * 1900/2900 A * EVENT * PC1-3913* ALARM POINT 1 INCH FLAME
*          *      * VENT AND LUT SUPPLY GH2 AREA          *          *          * WITHIN 10 FEET OF DET
*          *      *
* 51V010 *      * TW DETECTOR INTERFACE STORE * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * TANKS MOBILE RECHARGER GH2 AREA *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V011 *      * TW DETECTOR WEST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * NO 1 GH2 AREA                      *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V012 *      * TW DETECTOR WEST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * NO 2 GH2 AREA                      *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V013 *      * TW DETECTOR WEST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * NO 3 GH2 AREA                      *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V014 *      * TW DETECTOR WEST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * NO 4 GH2 AREA                      *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V019 *      * TW DETECTOR ELBOW SOUTH WALL * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * GH2 AREA ON LUT LINE                *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V020 *      * TW DETECTOR VALVE COMPLEX LH2 * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * SUPPLY LINE GH2 AREA          *          *          * ON SENSOR WILL ALARM
*          *      *
* 51V021 *      * TW DETECTOR HAND VALVE RECHARGER* SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          *      * TO BATT INLET GH2 AREA          *          *          * ON SENSOR WILL ALARM
*          *      *
*          *      *
*          *      *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*          *          *          * NO.      *          *
*****
* 51V022 * * TW DETECTOR EAST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DFG F
*          * NO 1 GH2 AREA *          *          *          * ON SENSOR WILL ALARM
* 51V023 * * TW DETECTOR EAST END OF TANK * SEE REMARKS * EVFNT * PC1-3913* TEMP RISE TO 450 DEG F
*          * NO 2 GH2 AREA *          *          *          * ON SENSOR WILL ALARM
* 51V024 * * TW DETECTOR EAST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          * NO 3 GH2 AREA *          *          *          * ON SENSOR WILL ALARM
* 51V025 * * TW DETECTOR EAST END OF TANK * SEE REMARKS * EVENT * PC1-3913* TEMP RISE TO 450 DEG F
*          * NO 4 GH2 AREA *          *          *          * ON SENSOR WILL ALARM
*
*
* 55C001 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C001 *          *          *          *
* 55C002 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C002 *          *          *          *
* 55C003 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C003 *          *          *          *
* 55C004 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C004 *          *          *          *
* 55C005 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C005 *          *          *          *
* 55C021 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C021 *          *          *          *
* 55C022 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C022 *          *          *          *
* 55C023 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C023 *          *          *          *
* 55C024 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C024 *          *          *          *
* 55C025 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C025 *          *          *          *
* 55C026 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT *          *
*          * MEASUREMENT NO. 50C026 *          *          *          *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*          *          *          * NO.      *          *
*****
* 55C027 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C027        *          *          *          *
*          *      *          *          *          *          *          *
* 55C028 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C028        *          *          *          *
*          *      *          *          *          *          *          *
* 55C029 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C029        *          *          *          *
*          *      *          *          *          *          *          *
* 55C030 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C030        *          *          *          *
*          *      *          *          *          *          *          *
* 55C031 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C031        *          *          *          *
*          *      *          *          *          *          *          *
* 55C032 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C032        *          *          *          *
*          *      *          *          *          *          *          *
* 55C033 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C033        *          *          *          *
*          *      *          *          *          *          *          *
* 55C034 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C034        *          *          *          *
*          *      *          *          *          *          *          *
* 55C035 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C035        *          *          *          *
*          *      *          *          *          *          *          *
* 55C036 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C036        *          *          *          *
*          *      *          *          *          *          *          *
* 55C037 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C037        *          *          *          *
*          *      *          *          *          *          *          *
* 55C038 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C038        *          *          *          *
*          *      *          *          *          *          *          *
* 55C039 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C039        *          *          *          *
*          *      *          *          *          *          *          *
* 55C040 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C040        *          *          *          *
*          *      *          *          *          *          *          *
* 55C041 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C041        *          *          *          *
*          *      *          *          *          *          *          *
* 55C042 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 50C042        *          *          *          *
*          *      *          *          *          *          *          *
*          *      *          *          *          *          *          *
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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS * * *
* *REQ. NO.* * * * * * * * * * * * * * * * * * * * * * * * *
*****
* 55C043 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50C043 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55C044 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50C044 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55C045 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50C045 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55C046 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50C046 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55C047 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50C047 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55C048 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50C048 * * * * * * *
* * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H001 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50H001 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H002 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVFNT * * *
* * * MEASUREMENT NO. 50H002 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H003 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVFNT * * *
* * * MEASUREMENT NO. 50H003 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H004 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50H004 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H005 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50H005 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H006 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50H006 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H007 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50H007 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H008 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * * *
* * * MEASUREMENT NO. 50H008 * * * * * * *
* * * * * * * * * * * * * * * * *
* 55H009 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVFNT * * *
* * * MEASUREMENT NO. 50H009 * * * * * * *
* * * * * * * * * * * * * * * * *
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MEAS. NO.	*DISPLAY*	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS
* REG. NO.*					NO.	
* 55H010 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H010	*	*	*	*
* 55H011 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H011	*	*	*	*
* 55H012 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H012	*	*	*	*
* 55H013 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H013	*	*	*	*
* 55H014 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H014	*	*	*	*
* 55H015 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H015	*	*	*	*
* 55H016 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H016	*	*	*	*
* 55H017 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H017	*	*	*	*
* 55H018 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H018	*	*	*	*
* 55H019 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H019	*	*	*	*
* 55H020 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H020	*	*	*	*
* 55H021 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H021	*	*	*	*
* 55H022 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H022	*	*	*	*
* 55H023 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H023	*	*	*	*
* 55H024 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
*	*	* MEASUREMENT NO. 50H024	*	*	*	*
* 55H025 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVFNT	*	*
*	*	* MEASUREMENT NO. 50H025	*	*	*	*
*	*	*	*	*	*	*
*	*	*	*	*	*	*
*	*	*	*	*	*	*

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*      *REQ.NO.*      *      *      *      *      *      *      *
*****
* 55H026 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H026      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H027 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H027      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H028 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H028      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H029 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H029      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H030 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H030      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H031 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H031      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H032 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVFNT      *      *      *
*      *      * MEASUREMENT NO. 50H032      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H033 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H033      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H034 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H034      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55H035 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50H035      *      *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55K001 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50K001      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55K002 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50K002      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55K003 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50K003      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55K004 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50K004      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 55K005 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT      *      *      *
*      *      * MEASUREMENT NO. 50K005      *      *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      * * *
*          *REQ.NO.*          *          *          * NO.        *          * * *
*****
* 55K006 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K006      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K007 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K007      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K008 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K008      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K009 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K009      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K010 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K010      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K011 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K011      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K012 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K012      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K013 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K013      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K014 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K014      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K015 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K015      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K016 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K016      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K017 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K017      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K018 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K018      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K019 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K019      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
* 55K020 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT * * *
*          * * MEASUREMENT NO. 50K020      *          * * *
*          * * * * * * * * * * * * * * * * * * * * * *
*          * * * * * * * * * * * * * * * * * * * * * *
*          * * * * * * * * * * * * * * * * * * * * * *
*          * * * * * * * * * * * * * * * * * * * * * *
*          * * * * * * * * * * * * * * * * * * * * * *
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ. NO.						
55V002		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V002	ON/OFF	EVENT		
55V003		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V003	ON/OFF	EVENT		
55V004		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V004	ON/OFF	EVENT		
55V005		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V005	ON/OFF	EVENT		
55V006		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V006	ON/OFF	EVENT		
55V011		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V011	ON/OFF	EVENT		
55V012		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V012	ON/OFF	EVENT		
55V013		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V013	ON/OFF	EVENT		
55V014		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V014	ON/OFF	EVENT		
55V015		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V015	ON/OFF	EVENT		
55V016		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V016	ON/OFF	EVENT		
55V017		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V017	ON/OFF	EVENT		
55V018		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V018	ON/OFF	EVENT		
55V019		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V019	ON/OFF	EVENT		
55V032		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V032	ON/OFF	EVENT		

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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *
*          *REQ.NO.*          *          *          * NO.      *          *
*****
* 56C001 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C001        *          *          *          *
*          *      *          *          *          *          *          *
* 56C002 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C002        *          *          *          *
*          *      *          *          *          *          *          *
* 56C007 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C007        *          *          *          *
*          *      *          *          *          *          *          *
* 56C008 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C008        *          *          *          *
*          *      *          *          *          *          *          *
* 56C009 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C009        *          *          *          *
*          *      *          *          *          *          *          *
* 56C010 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C010        *          *          *          *
*          *      *          *          *          *          *          *
* 56C011 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C011        *          *          *          *
*          *      *          *          *          *          *          *
* 56C012 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C012        *          *          *          *
*          *      *          *          *          *          *          *
* 56C013 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C013        *          *          *          *
*          *      *          *          *          *          *          *
* 56C015 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C015        *          *          *          *
*          *      *          *          *          *          *          *
* 56C017 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C017        *          *          *          *
*          *      *          *          *          *          *          *
* 56C018 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C018        *          *          *          *
*          *      *          *          *          *          *          *
* 56C019 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C019        *          *          *          *
*          *      *          *          *          *          *          *
* 56C021 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C021        *          *          *          *
*          *      *          *          *          *          *          *
* 56C022 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C022        *          *          *          *
*          *      *          *          *          *          *          *
* 56C023 *      * SIGNAL CONFIDENCE CIRCUIT FOR    * ON/OFF      * EVENT      *          *
*          *      * MEASUREMENT NO. 51C023        *          *          *          *
*          *      *          *          *          *          *          *
*          *      *          *          *          *          *          *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS
*          *REQ.NO.*          *          *          * NO.      *
*****
* 56C024 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C024      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C025 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C025      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C026 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C026      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C027 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C027      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C029 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C029      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C031 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C031      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C032 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C032      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C033 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C033      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C034 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C034      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C039 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C039      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C040 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C040      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C041 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C041      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C042 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C042      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C043 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C043      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C044 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C044      *          *          *          *
*          *  *  *          *          *          *          *          *
* 56C045 *  *  * SIGNAL CONFIDENCE CIRCUIT FOR  * ON/OFF      * EVENT      *          *
*          *  *  * MEASUREMENT NO. 51C045      *          *          *          *
*          *  *  *          *          *          *          *          *
*          *  *  *          *          *          *          *          *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION * RANGE * RECORDER* DRAWING * REMARKS *
* *REQ.NO.* * * * * NO. *
*****
* 56C046 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51C046 * * * * *
* * * * * * * * * *
* 56C047 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51C047 * * * * *
* * * * * * * * * *
* 56C048 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51C048 * * * * *
* * * * * * * * * *
* 56C049 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51C049 * * * * *
* * * * * * * * * *
* 56C050 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51C050 * * * * *
* * * * * * * * * *
* * * * * * * * * *
* * * * * * * * * *
* 56H001 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H001 * * * * *
* * * * * * * * * *
* 56H002 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H002 * * * * *
* * * * * * * * * *
* 56H003 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H003 * * * * *
* * * * * * * * * *
* 56H004 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H004 * * * * *
* * * * * * * * * *
* 56H005 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H005 * * * * *
* * * * * * * * * *
* 56H006 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H006 * * * * *
* * * * * * * * * *
* 56H007 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H007 * * * * *
* * * * * * * * * *
* 56H008 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H008 * * * * *
* * * * * * * * * *
* 56H009 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H009 * * * * *
* * * * * * * * * *
* 56H010 * * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF * EVENT * *
* * * * MEASUREMENT NO. 51H010 * * * * *
* * * * * * * * * *
* * * * * * * * * *
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*****
*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION      * RANGE      * RECORDER* DRAWING * REMARKS      *      *      *
*      *REQ.NO.*      *      *      *      *      *      *      *      *
*****
* 56H011 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51H011      *      *      *      *      *
* 56H012 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51H012      *      *      *      *      *
* 56H013 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51H013      *      *      *      *      *
* 56H014 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51H014      *      *      *      *      *
*      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *
* 56K001 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K001      *      *      *      *      *
* 56K002 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K002      *      *      *      *      *
* 56K003 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K003      *      *      *      *      *
* 56K004 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K004      *      *      *      *      *
* 56K005 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVFNT *      *      *
*      *      * MEASUREMENT NO. 51K005      *      *      *      *      *
* 56K006 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K006      *      *      *      *      *
* 56K007 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K007      *      *      *      *      *
* 56K008 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K008      *      *      *      *      *
* 56K009 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K009      *      *      *      *      *
* 56K011 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K011      *      *      *      *      *
* 56K015 *      * SIGNAL CONFIDENCE CIRCUIT FOR * ON/OFF      * EVENT *      *      *
*      *      * MEASUREMENT NO. 51K015      *      *      *      *      *
*      *      *      *      *      *      *      *      *
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ. NO.					NO.	
* 56K016 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51K016	*	*	*	*
* 56K017 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51K017	*	*	*	*
* 56K018 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51K018	*	*	*	*
* 56K019 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51K019	*	*	*	*
* 56V001 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V001	*	*	*	*
* 56V002 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V002	*	*	*	*
* 56V004 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V004	*	*	*	*
* 56V005 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V005	*	*	*	*
* 56V006 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V006	*	*	*	*
* 56V007 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V007	*	*	*	*
* 56V010 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V010	*	*	*	*
* 56V011 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V011	*	*	*	*
* 56V012 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V012	*	*	*	*
* 56V013 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V013	*	*	*	*
* 56V014 *	*	* SIGNAL CONFIDENCE CIRCUIT FOR	* ON/OFF	* EVENT	*	*
	*	* MEASUREMENT NO. 51V014	*	*	*	*

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ.NO.					NO.	
56V019		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V019	ON/OFF	EVENT		
56V020		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V020	ON/OFF	EVENT		
56V021		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V021	ON/OFF	EVENT		
56V022		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V022	ON/OFF	EVENT		
56V023		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V023	ON/OFF	EVENT		
56V024		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V024	ON/OFF	EVENT		
56V025		SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51V025	ON/OFF	EVENT		

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING NO.	REMARKS
FR-021		FLOW ECS AIR/GN2 TO S1B LAUNCHER PEDESTAL	LBS/MIN.			2A035-12A027
FR-022		FLOW ECS AIR/GN2 TO S1B AFT ENG	LBS/MIN.			2A036-12A028
FR-023		FLOW ECS AIR/GN2 TO S1B FOR DUCT	LBS/MIN.			2A037-12A029
FR-024		FLOW ECS AIR/GN2 TO SIVB AFT	LBS/MIN.			2A020-12A012
FR-025		FLOW ECS AIR/GN2 TO INST UNIT	LBS/MIN.			2A021-12A013
FR-026		FLOW ECS AIR/GN2 TO SERVICE MOD.	LBS/MIN.			2A022-12A014
FR-027		FLOW ECS AIR/GN2 TO COMMAND MOD.	LBS/MIN.			2A023-12A015

DRAWING INDEX

DRAWINGS WILL BE ADDED AT A LATER DATE

SKYLAB-2

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IN-DAT	1	NWSI-D	3	ATTN: MR W TOWNSEND		P O BOX 1186	
IN-DAT-1	5			BRL-TBL		HUNTSVILLE ALA 35807	
IN-DAT-4	1	SF	1	MARYLAND 21005		LARRY RICHARDS	
IN-DAT-51	5	SO-ENG-4	2	NOAA/ERL/ESL/RM5	1	IBM DEPT M12	2
IN-MSD	2	TS-NTS-1	1	ATTN: MR W V MICKEY		P O BOX 1250	
IN-MSD-1	8	TS-OSM	1	BOULDER, CO. 80302		150 SPARKMAN DRIVE	
IN-MSD-2	2			A.W. MUELLER MS 239 1		HUNTSVILLE ALA 35807	
IN-MSD-12	15	DATA EVALUATION ROOM 5		LARC NASA		NAR	2
IN-QAL	2	MSOB RM 4295 FEC-410		LANGLEY STATION		SPACE DIVISION	
IN-TEC	2	TBC, LCC 3R17	20	HAMPTON, VA. 23365		3322 SOUTH MEMORIAL	
IN-TEL	2	MR. E E ZYAK		MSFC, ALABAMA		PARKWAY SUITE 142	
IN-TEL-2	5	MDAC, VAB RM 2K17	15	S & E-COMP-RRM	1	HUNTSVILLE ALA 35801	
IN-TEL-12	6	MR. R H PEMBERTON		S & E-ASTR-SCI	1	MR GARCIA	
IN-TEL-3	1	IBM-967	1	S & E-ASTN-ADD	1		
DD-EDD-22	1	VAB 27E12		S & E-ASTR-IND	1		
DD-EDD-23	2	D. MARONDE		SAT-E	2		
DD-MDD-21	1	IBM DEPT D-44	2	A. M. JUPITER			
DD-MDD-3	1	VAB RM 2N11		S & E-AERO-MS	1		
DD-MDD-41	1	NAR, SPACE DIV	25	J. P. SHEATS			
DD-SED-11	1	VAB, RM 3M18		PM-MO-PL	6		
DD-SED-3	1	FEC-300, CIF RM310	10	S & E-AERO-Y	1		
DD-SED-31	1	MR. RICHARD DELL		S & E-COMP-RRP	1		
LO-RRO-1	1	FEC-230	2	PM-MO-I	1		
LV	1	H. HARSHMAN		PM-SAT-E	1		
LV-CAP	2	FEC-320	9				
LV-GDC	2	VAB 26E9					
LV-GDC-2	1	MSC, HOUSTON, TEXAS	1				
LV-GDC-3	1	PT3, DATA LIBRARY					
LV-INS-A	1						
LV-INS-2	3						
LV-INS-21	10						
LV-MEC	1						
LV-MEC-1	3						
LV-MEC-2	1						
LV-MEC-3	6						
LV-OMO-2A	1						

DO NOT PHOTOGRAPH

TOTAL

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